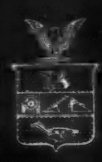
# EMPLOYMENT AND EARNINGS

FEBRUARY 1956

Annual Averages for 1955

- Weekly Hours
- Employment Trends
- Labor Turnover Rates
- State and Area Statistics
- Hourly and Weekly Earnings
- Payroll and Man-Hour Indexes

Vol. 2 No. 8



UNITED STATES DEPARTMENT OF LABOR
James P. Mitchell, Secretary

BUREAU OF LABOR STATISTICS
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# Publications on
# Employment Developments

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The Bureau of Labor Statistics program for the measurement and analysis of employment trends includes (1) the preparation and interpretation of current monthly statistics on employment, labor turnover, and hours and earnings in major industries, States, and areas; (2) the analysis of long-term trends in employment in major occupations and industries; and (3) the preparation of estimates of manpower requirements for the defense mobilization program and estimates of prospective labor supply. Employment statistics are prepared in cooperation with State agencies.

Available in addition to the Employment and Earnings report, are two press releases, one on nonagricultural employment and manufacturing hours and earnings, and the other on labor turnover. The press releases give an analysis of current trends in broad industry groups based on preliminary data, and are issued about six weeks earlier than the report.

Other major publications available to the public include:

OCCUPATIONAL OUTLOOK HANDBOOK, 2d EDITION, 1951, Bulletin No. 998 (Issued in cooperation with the Veterans Administration), 575 pp., $3.00. A comprehensive coverage of major occupations for use in guidance with reports on each of 433 occupations and industries in which most young people will find jobs. Reports describe employment outlook, nature of work, industries and localities in which workers are employed, training and qualifications needed, earnings, working conditions, and sources of further information. This publication may be purchased from any of the offices listed on page 10-E.

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These publications prepared by
DIVISION OF MANPOWER AND EMPLOYMENT STATISTICS
Seymour L. Wolfbein, Chief

# Employment and Earnings

FEBRUARY 1956 Vol. 2 No. 8


REVIEW OF 1955.....

This issue features a special article relating to a year-end review of 1955. In addition, all tables containing national employment, hours and earnings series include preliminary 1955 annual averages. These averages are comparable with those for earlier years published in the May 1955 Annual Supplement Issue.

REVISION OF SEASONALLY ADJUSTED EMPLOYMENT.....

The seasonally adjusted contract construction and government series have been revised. The new data are summarized in a special table on page xii.

NEW AREA SERIES.....

The employment series for San Jose, Calif., and Jackson, Miss., formerly limited to manufacturing, now cover all nonagricultural industries. Manufacturing hours and earnings for Jacksonville and Miami, Fla., are also published for the first time this month.


For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D.C. Subscription price: $3.50 a year; $1 additional for foreign mailing. Single copies vary in price. This issue is 40 cents.


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REGIONAL OFFICES AND COOPERATING STATE AGENCIES...Inside back cover


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The national employment figures shown in this report have been adjusted to first quarter 1954 benchmark levels.

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# Employment Trends Review of 1955

## 1955 NONFARM EMPLOYMENT UP 1.1 MILLION OVER 1954

Total nonfarm employment was at record levels in late 1955, as monthly employment peaks were reached in each of the last 4 months of the year. A record level of 51.3 million was reached in December. Average employment for the year, however, was somewhat below the peak year of 1953. Nonfarm employment averaged 49.4 million in 1955, a gain of 1.1 million over 1954, but almost 300,000 less than the 1953 average.

The major employment development of 1955 was the sustained recovery in manufacturing employment which began in the final months of 1954 and brought the average 1955 level to 563,000 above 1954. Despite this sizable gain, the average factory work force in 1955 was nearly 700,000 below 1953, when defense production brought manufacturing employment to record post-World War II levels.

Factory employment gains were paralleled by a sharp rise in the factory workweek, from the 1954 level of 39.7 hours to 40.7 hours in 1955--equal to the 1951 and 1952 postwar peaks. Continuing their long-term uptrends, 4 of the 7 major nonmanufacturing industry divisions reached record employment levels in 1955--wholesale and retail trade; finance, insurance, and real estate; services; and government. The transportation and public utilities sector boosted employment only slightly above 1954 levels while the long-term decline in mining continued. In the contract construction division, employment in 1955 remained close to the high level reported in 1954.

## DURABLE GOODS LEAD MANUFACTURING UPTURN

The 1955 expansion in manufacturing activity was reflected in employment gains in 17 of the 21 manufacturing industry groups. The strength of this rise can be gaged by the fact that between December 1954 and December 1955 total manufacturing employment increased by almost 1.0 million.

The gain over the 1954 level was due largely to an increase of 418,000 employees in durable-goods industries. Leading the advance were some of the same industry groups which had recorded the sharpest declines in 1953-54--primary metals, transportation equipment, machinery, and electrical machinery. Primary metals and transportation equipment showed the largest increases in 1955, reflecting record automobile production and the high rate of steel operations. Industries closely related to construction activities--lumber and lumber products; furniture and fixtures; and stone, clay, and glass products--also reported substantial employment increases. In two industry groups only, ordnance, and instruments and related products, did employment decline somewhat in 1955--reflecting in both cases reduced national defense expenditures.

Substantial employment gains were also reported by most nondurable manufacturing industries. The nondurables sector was the least affected by the sharp employment decline in manufacturing in late 1953 and early 1954 and was the first to recover. The largest employment gains in 1955, among nondurable manufacturing industries, were made by the apparel and rubber products groups. The textile industry group, which accounted for a major part of the employment decline in the nondurable-goods sector from 1953 to 1954, showed practically no increase during 1955. In two industry groups, tobacco and products of petroleum and coal, employment declined slightly. Employment in the printing and paper and allied products industries showed gains in both 1954 and 1955.

## NONMANUFACTURING INDUSTRIES CONTINUE TO RISE

In the nonmanufacturing industries, accounting for two-thirds of all nonfarm jobs, employment increased by 550,000 workers over 1954. In contrast to manufacturing, which declined in 1954, most nonmanufacturing industries increased in employment in both 1954 and 1955. The largest increases in 1955 were in wholesale and retail trade and government.

Record consumer expenditures and the continued expansion of retail trade outlets in suburban areas resulted in a gain of nearly 230,000 workers in wholesale and retail trade establishments. Every sector of retail trade increased, reflecting the very high levels of consumer incomes in 1955.

The 172,000 increase in government

employment represented continued gains in State and local employment. The number of Federal employees remained relatively unchanged from 1954 levels and was about 100,000 lower than in 1953. Average 1955 employment in transportation and public utilities was nearly 4.1 million, an increase of 49,000 workers over 1954, but still 164,000 below 1953.

The long-term downward trend in mining employment continued in 1955. Further reductions in coal mining employment, both anthracite and bituminous, accounted for the decline. Employment in metal mining, crude petroleum, and nonmetallic mining remained at about 1954 levels.

## FACTORY WORKWEEK RISES - OVERTIME WORK EXTENSIVE

Along with the upswing in total manufacturing employment, all 21 manufacturing industry groups reported increases in the workweek for production workers over 1954. The average factory workweek in 1955 of 40.7 hours was 1 hour above 1954 and 0.2 hours above the 1953 level. The heavy-goods industries generally experienced a greater rise in the workweek than the nondurable-goods industries. In 1955, the average workweek for durable goods was 41.4 hours compared with 40.2 in 1954. For nondurable goods, average hours worked per week rose from 39.0 to 39.8. Two industry groups, primary metals and rubber products reported over-the-year gains of about 2 hours; the workweek in 1955 was an hour or more above 1954 levels in furniture; machinery; transportation equipment; tobacco manufactures; textiles; apparel; and leather.

Of the 21 manufacturing groups, 17 reported an average workweek during 1955 in excess of 40 hours. This indicates the widespread use of overtime in manufacturing plants, since the scheduled workweek tends to be higher than the average hours reported because of turnover and absenteeism.

## RECORD FACTORY EARNINGS

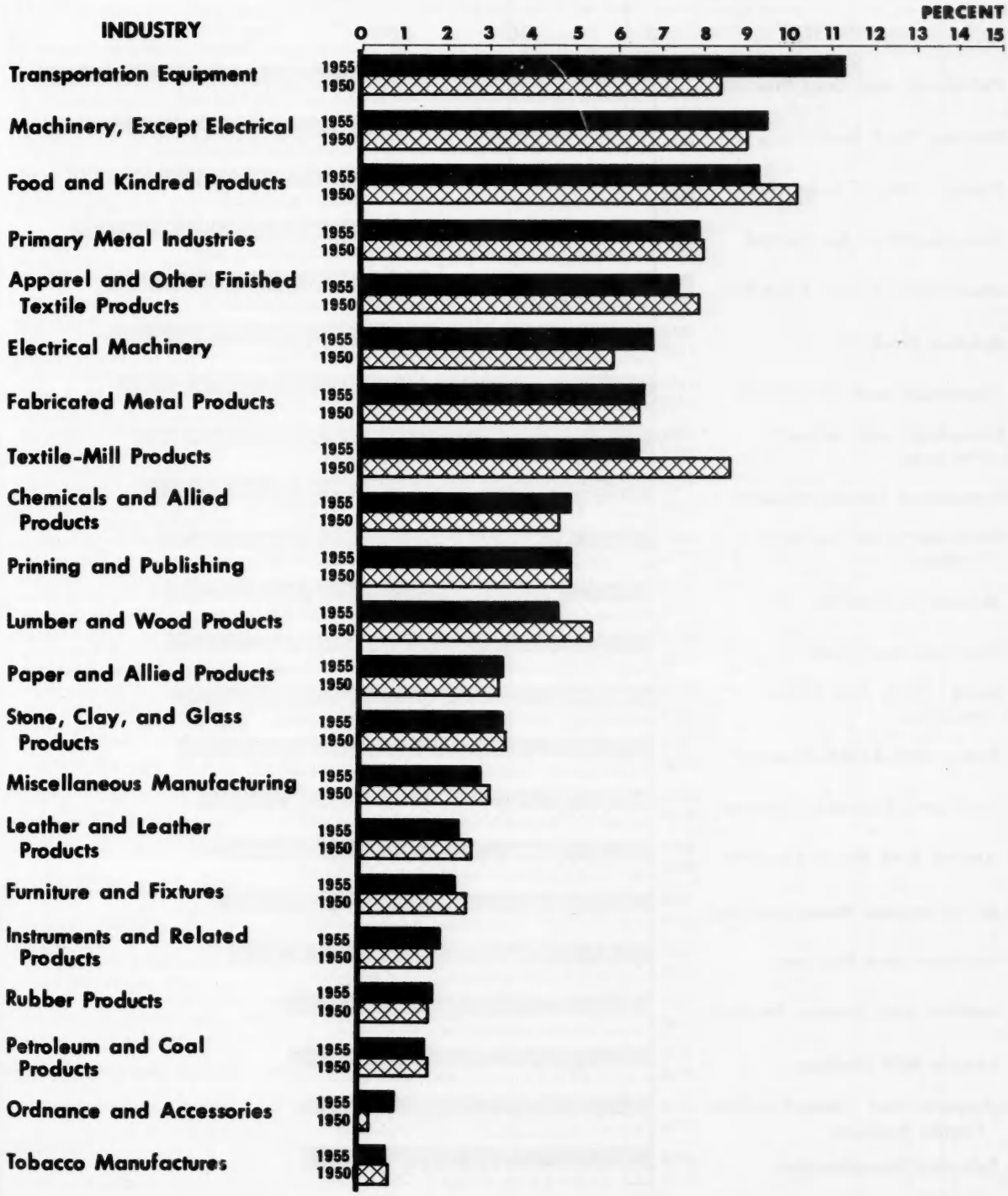
Both hourly and weekly earnings of production workers in all manufacturing industry groups were at record levels in 1955. Average hourly earnings rose to $1.88 an hour in 1955, a gain of 7 cents over 1954. Durable-goods industries increased 9 cents an hour, whereas nondurable-goods industries rose 5 cents. The largest gains in average hourly earnings were reported by the primary metals and rubber products industry groups--15 cents and 12 cents, respectively.

Seven manufacturing industries reported average hourly earnings of $2 or more in 1955. The leading industries were petroleum and coal products and printing and publishing, with $2.36 and $2.35, respectively. Closely following these two industries were the primary metals and the transportation equipment industries, with $2.24 and $2.23, respectively. The lowest average hourly earnings for the year were reported for tobacco manufactures, $1.34; apparel, $1.35; and textiles, $1.39.

Average weekly earnings rose to $76.52 in 1955 for all manufacturing industries, an increase of 6.5 percent over 1954. Weekly earnings of $83.21, $6.03 higher than a year earlier, were reported for durable-goods industries, and earnings of $68.06, an increase of $3.32, were recorded for nondurable-goods industries.

# MAJOR INDUSTRY GROUP EMPLOYMENT AS A PERCENT OF TOTAL MANUFACTURING

## ANNUAL AVERAGE, 1955 and 1950

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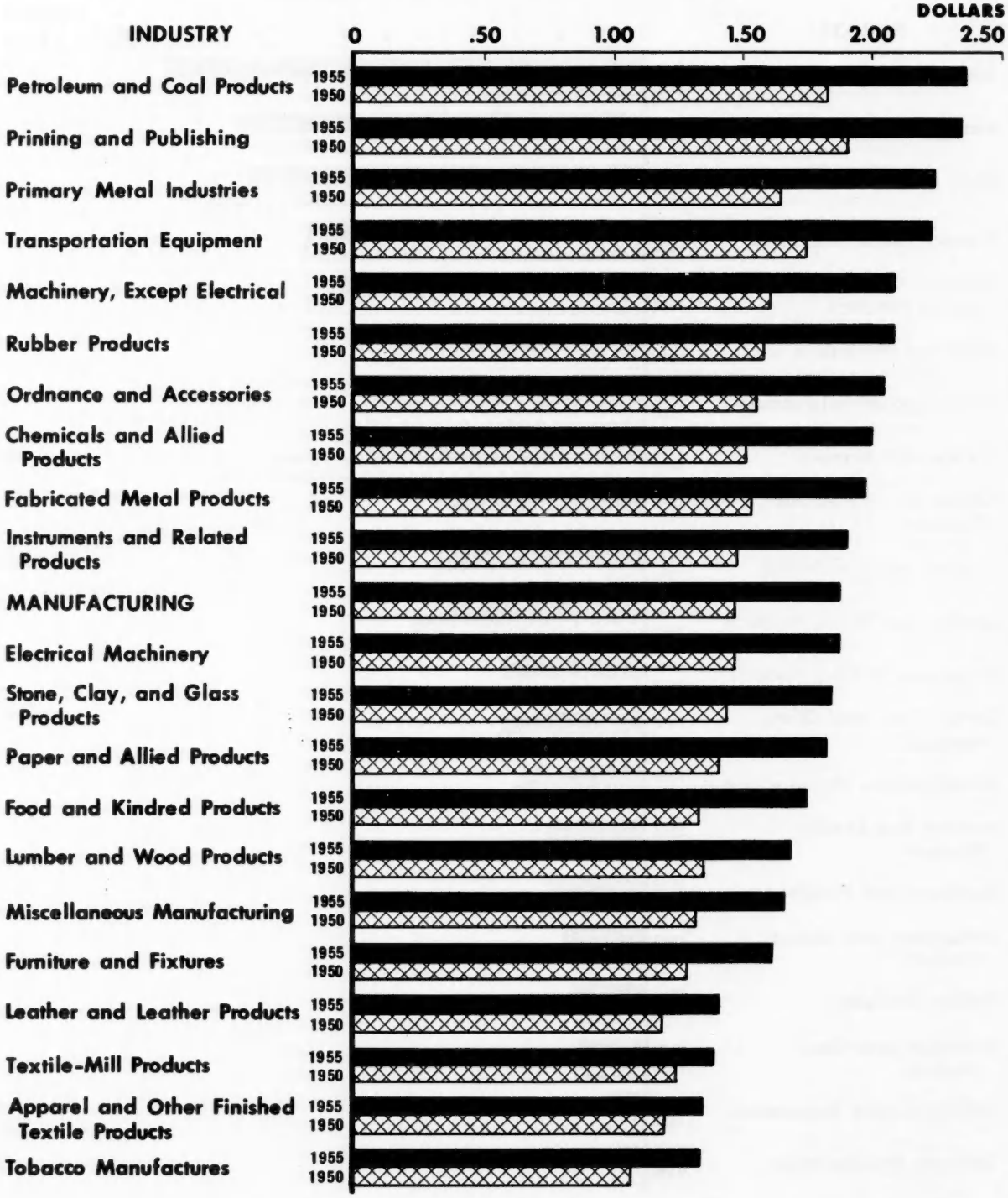
# GROSS AVERAGE HOURLY EARNINGS IN MANUFACTURING INDUSTRIES

## ANNUAL AVERAGE, 1955 AND 1950

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## Table 1. Employees in nonagricultural establishments, by industry division and selected groups

(In thousands)

| Industry division and group | Current | | | Year ago | net change from: | |
|---|---|---|---|---|---|---|
| | Jan. 1956 1/ | Dec. 1955 1/ | Nov. 1955 | Jan. 1954 | Previous month | Year ago |
| TOTAL | 49,541 | 51,299 | 50,629 | 47,741 | -1758 | + 1,800 |
| MINING | 746 | 754 | 754 | 741 | - 8 | + 5 |
| Metal mining | 97.6 | 99.2 | 99.9 | 94.1 | - 1.6 | + 3.5 |
| Bituminous-coal | 213.0 | 211.6 | 210.8 | 210.5 | + 1.4 | + 2.5 |
| Nonmetallic mining and quarrying | 99.0 | 103.8 | 106.7 | 100.1 | - 4.8 | - 1.1 |
| CONTRACT CONSTRUCTION | 2,243 | 2,407 | 2,580 | 2,237 | - 164 | + 6 |
| MANUFACTURING | 16,798 | 17,009 | 17,049 | 15,925 | - 211 | + 873 |
| DURABLE GOODS | 9,802 | 9,884 | 9,867 | 9,113 | - 82 | + 689 |
| Ordnance and accessories | 124.5 | 123.4 | 126.4 | 139.9 | + 1.1 | - 15.4 |
| Lumber and wood products (except furniture) | 706.7 | 735.0 | 765.5 | 697.3 | - 28.3 | + 9.4 |
| Furniture and fixtures | 376.1 | 377.8 | 379.8 | 347.8 | - 1.7 | + 28.3 |
| Stone, clay, and glass products | 553.7 | 559.7 | 564.8 | 514.1 | - 6.0 | + 39.6 |
| Primary metal industries | 1,366.2 | 1,366.1 | 1,357.8 | 1,202.5 | + .1 | + 163.7 |
| Fabricated metal products (except ordnance, machinery, and transportation equipment) | 1,113.4 | 1,123.3 | 1,128.5 | 1,043.0 | - 9.9 | + 70.4 |
| Machinery (except electrical) | 1,666.1 | 1,655.7 | 1,629.6 | 1,506.0 | + 10.4 | + 160.1 |
| Electrical machinery | 1,159.1 | 1,175.5 | 1,169.8 | 1,093.2 | - 16.4 | + 65.9 |
| Transportation equipment | 1,939.1 | 1,959.2 | 1,928.1 | 1,815.7 | - 20.1 | + 123.4 |
| Instruments and related products | 323.1 | 323.7 | 322.0 | 308.7 | - .6 | + 14.4 |
| Miscellaneous manufacturing industries | 474.2 | 484.1 | 495.0 | 444.6 | - 9.9 | + 29.6 |
| NONDURABLE GOODS | 6,996 | 7,125 | 7,182 | 6,812 | - 129 | + 184 |
| Food and kindred products | 1,446.4 | 1,509.7 | 1,572.8 | 1,430.2 | - 63.3 | + 16.2 |
| Tobacco manufactures | 98.4 | 104.7 | 109.4 | 99.5 | - 6.3 | - 1.1 |
| Textile-mill products | 1,079.3 | 1,090.0 | 1,090.7 | 1,068.8 | - 10.7 | + 10.5 |
| Apparel and other finished textile products | 1,242.2 | 1,268.4 | 1,268.5 | 1,199.3 | - 26.2 | + 42.9 |
| Paper and allied products | 557.2 | 563.2 | 564.5 | 531.9 | - 6.0 | + 25.3 |
| Printing, publishing, and allied industries | 823.9 | 830.2 | 833.3 | 798.9 | - 6.3 | + 25.0 |
| Chemicals and allied products | 827.7 | 829.3 | 827.9 | 792.8 | - 1.6 | + 34.9 |
| Products of petroleum and coal | 245.4 | 249.1 | 250.8 | 248.3 | - 3.7 | - 2.9 |
| Rubber products | 290.8 | 292.7 | 290.1 | 265.9 | - 1.9 | + 24.9 |
| Leather and leather products | 384.9 | 387.6 | 374.1 | 376.7 | - 2.7 | + 8.2 |
| TRANSPORTATION AND PUBLIC UTILITIES | 4,095 | 4,164 | 4,143 | 3,927 | - 69 | + 168 |
| TRANSPORTATION | 2,735 | 2,800 | 2,783 | 2,617 | - 65 | + 118 |
| COMMUNICATION | 779 | 781 | 777 | 735 | - 2 | + 44 |
| OTHER PUBLIC UTILITIES | 581 | 583 | 583 | 575 | - 2 | + 6 |
| WHOLESALE AND RETAIL TRADE | 10,845 | 11,747 | 11,126 | 10,419 | - 902 | + 426 |
| WHOLESALE TRADE | 2,924 | 2,959 | 2,942 | 2,817 | - 35 | + 107 |
| RETAIL TRADE | 7,921 | 8,788 | 8,184 | 7,602 | - 867 | + 319 |
| General merchandise stores | 1,406.8 | 1,963.9 | 1,570.0 | 1,326.6 | - 557.1 | + 80.2 |
| Food and liquor stores | 1,555.2 | 1,584.9 | 1,554.5 | 1,462.3 | - 29.7 | + 92.9 |
| Automotive and accessories dealers | 786.3 | 799.3 | 789.9 | 749.3 | - 13.0 | + 37.0 |
| Apparel and accessories stores | 592.8 | 732.9 | 626.3 | 579.0 | - 140.1 | + 13.8 |
| Other retail trade | 3,579.5 | 3,707.3 | 3,643.3 | 3,485.1 | - 127.8 | + 94.4 |
| FINANCE, INSURANCE, AND REAL ESTATE | 2,216 | 2,220 | 2,213 | 2,124 | - 4 | + 92 |
| SERVICE AND MISCELLANEOUS | 5,600 | 5,658 | 5,690 | 5,533 | - 58 | + 67 |
| GOVERNMENT | 6,998 | 7,340 | 7,074 | 6,835 | - 342 | + 163 |
| FEDERAL | 2,134 | 2,461 | 2,168 | 2,139 | - 327 | - 5 |
| STATE AND LOCAL | 4,864 | 4,879 | 4,906 | 4,696 | - 15 | + 168 |

1/ Preliminary.

## Table 2. Production workers in manufacturing, by major industry group

(In thousands)

| Major industry group | Current | | | Year ago | net change from: | |
|---|---|---|---|---|---|---|
| | Jan. 1956 1/ | Dec. 1955 1/ | Nov. 1955 | Jan. 1954 | Previous month | Year ago |
| **MANUFACTURING** | 13,240 | 13,460 | 13,498 | 12,523 | - 220 | + 717 |
| **DURABLE GOODS** | 7,763 | 7,853 | 7,839 | 7,182 | - 90 | + 581 |
| Ordnance and accessories | 81.9 | 83.2 | 84.1 | 96.0 | - 1.3 | - 14.1 |
| Lumber and wood products (except furniture) | 638.0 | 664.5 | 696.1 | 631.3 | - 26.5 | + 6.7 |
| Furniture and fixtures | 318.8 | 321.4 | 323.1 | 292.6 | - 2.6 | + 26.2 |
| Stone, clay, and glass products | 464.3 | 470.5 | 476.5 | 430.1 | - 6.2 | + 34.2 |
| Primary metal industries | 1,159.8 | 1,161.6 | 1,150.9 | 1,012.7 | - 1.8 | + 147.1 |
| Fabricated metal products (except ordnance, machinery, and transportation equipment) | 895.0 | 906.1 | 912.0 | 834.4 | - 11.1 | + 60.6 |
| Machinery (except electrical) | 1,243.9 | 1,237.1 | 1,212.6 | 1,109.3 | + 6.8 | + 134.6 |
| Electrical machinery | 854.2 | 873.6 | 869.8 | 799.5 | - 19.4 | + 54.7 |
| Transportation equipment | 1,496.3 | 1,513.5 | 1,483.7 | 1,399.8 | - 17.2 | + 96.5 |
| Instruments and related products | 226.2 | 227.2 | 225.1 | 216.5 | - 1.0 | + 9.7 |
| Miscellaneous manufacturing industries | 384.3 | 393.9 | 405.4 | 360.0 | - 9.6 | + 24.3 |
| **NONDURABLE GOODS** | 5,477 | 5,607 | 5,659 | 5,341 | - 130 | + 136 |
| Food and kindred products | 1,006.7 | 1,068.0 | 1,130.3 | 1,007.0 | - 61.3 | - .3 |
| Tobacco manufactures | 90.2 | 96.3 | 100.8 | 91.1 | - 6.1 | - .9 |
| Textile-mill products | 987.3 | 998.1 | 997.5 | 976.6 | - 10.8 | + 10.7 |
| Apparel and other finished textile products | 1,108.0 | 1,135.5 | 1,135.1 | 1,068.9 | - 27.5 | + 39.1 |
| Paper and allied products | 457.2 | 463.5 | 465.3 | 437.1 | - 6.3 | + 20.1 |
| Printing, publishing, and allied industries | 529.3 | 536.6 | 538.9 | 512.1 | - 7.3 | + 17.2 |
| Chemicals and allied products | 556.1 | 558.4 | 557.1 | 534.4 | - 2.3 | + 21.7 |
| Products of petroleum and coal | 167.2 | 170.0 | 170.5 | 168.6 | - 2.8 | - 1.4 |
| Rubber products | 232.2 | 234.1 | 231.2 | 208.5 | - 1.9 | + 23.7 |
| Leather and leather products | 342.9 | 346.0 | 332.2 | 336.3 | - 3.1 | + 6.6 |

1/ Preliminary.

## Table 3. Hours and gross earnings of production workers in manufacturing, by major industry group

| Major industry group | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1956 | 1955 | | 1956 | 1955 | | 1956 | 1955 | |
| | Jan. 1/ | Dec. 1/ | Jan. | Jan. 1/ | Dec. 1/ | Jan. | Jan. 1/ | Dec. 1/ | Jan. |
| **MANUFACTURING** | $78.36 | $79.71 | $73.97 | 40.6 | 41.3 | 40.2 | $1.93 | $1.93 | $1.84 |
| **DURABLE GOODS** | 84.05 | 86.31 | 80.16 | 41.0 | 41.9 | 40.9 | 2.05 | 2.06 | 1.96 |
| Ordnance and accessories | 86.73 | 86.73 | 81.20 | 41.3 | 41.3 | 40.0 | 2.10 | 2.10 | 2.03 |
| Lumber and wood products (except furniture) | 65.60 | 68.06 | 66.34 | 40.0 | 41.0 | 40.7 | 1.64 | 1.66 | 1.63 |
| Furniture and fixtures | 66.42 | 69.37 | 63.99 | 40.5 | 42.3 | 40.5 | 1.64 | 1.64 | 1.58 |
| Stone, clay, and glass products | 77.30 | 79.00 | 73.49 | 40.9 | 41.8 | 40.6 | 1.89 | 1.89 | 1.81 |
| Primary metal industries | (2/) | 97.67 | 87.26 | (2/) | 42.1 | 40.4 | (2/) | 2.32 | 2.16 |
| Fabricated metal products (except ordnance, machinery, and transportation equipment) | 83.43 | 84.85 | 80.15 | 41.1 | 41.8 | 41.1 | 2.03 | 2.03 | 1.95 |
| Machinery (except electrical) | 92.66 | 93.10 | 82.82 | 42.7 | 43.1 | 40.8 | 2.17 | 2.16 | 2.03 |
| Electrical machinery | 79.13 | 79.87 | 74.56 | 41.0 | 41.6 | 40.3 | 1.93 | 1.92 | 1.85 |
| Transportation equipment | 90.23 | 95.30 | 92.62 | 40.1 | 41.8 | 42.1 | 2.25 | 2.28 | 2.20 |
| Instruments and related products | 79.77 | 80.73 | 75.17 | 40.7 | 41.4 | 40.2 | 1.96 | 1.95 | 1.87 |
| Miscellaneous manufacturing industries | 68.34 | 70.04 | 65.93 | 40.2 | 41.2 | 40.2 | 1.70 | 1.70 | 1.64 |
| **NONDURABLE GOODS** | 69.83 | 70.30 | 66.02 | 39.9 | 40.4 | 39.3 | 1.75 | 1.74 | 1.68 |
| Food and kindred products | 75.95 | 76.08 | 70.18 | 41.5 | 41.8 | 40.8 | 1.83 | 1.82 | 1.72 |
| Tobacco manufactures | 53.06 | 53.96 | 50.14 | 37.9 | 39.1 | 37.7 | 1.40 | 1.38 | 1.33 |
| Textile-mill products | 57.23 | 58.50 | 54.25 | 40.3 | 41.2 | 39.6 | 1.42 | 1.42 | 1.37 |
| Apparel and other finished textile products | 50.01 | 50.46 | 48.60 | 36.5 | 37.1 | 36.0 | 1.37 | 1.36 | 1.35 |
| Paper and allied products | 81.65 | 81.97 | 75.72 | 43.2 | 43.6 | 42.3 | 1.89 | 1.88 | 1.79 |
| Printing, publishing, and allied industries | 92.11 | 94.49 | 88.24 | 38.7 | 39.7 | 38.2 | 2.38 | 2.38 | 2.31 |
| Chemicals and allied products | 85.08 | 85.27 | 79.73 | 41.5 | 41.8 | 41.1 | 2.05 | 2.04 | 1.94 |
| Products of petroleum and coal | 99.12 | 98.40 | 93.02 | 41.3 | 41.0 | 40.8 | 2.40 | 2.40 | 2.28 |
| Rubber products | 87.72 | 88.99 | 83.84 | 40.8 | 41.2 | 41.3 | 2.15 | 2.16 | 2.03 |
| Leather and leather products | 57.38 | 56.45 | 52.68 | 39.3 | 39.2 | 37.9 | 1.46 | 1.44 | 1.39 |

1/ Preliminary.
2/ Not available.



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## Table 4. Index of employees in nonagricultural establishments, by industry division

(1947-49=100)

| Industry division | Current | | | Year ago |
|---|---|---|---|---|
| | January 1956 1/ | December 1955 1/ | November 1955 | January 1955 |
| TOTAL | 113.3 | 117.3 | 115.7 | 109.1 |
| Mining | 78.7 | 79.5 | 79.5 | 78.2 |
| Contract construction | 106.6 | 114.3 | 122.6 | 106.3 |
| Manufacturing | 112.5 | 113.9 | 114.2 | 106.7 |
| Transportation and public utilities | 100.6 | 102.3 | 101.8 | 96.5 |
| Wholesale and retail trade | 115.3 | 124.8 | 118.2 | 111.1 |
| Finance, insurance, and real estate | 128.4 | 128.6 | 128.2 | 123.1 |
| Service and miscellaneous | 114.4 | 115.6 | 116.3 | 113.1 |
| Government | 123.6 | 129.7 | 125.0 | 120.8 |

1/ Preliminary.

## Table 5. Index of production workers in manufacturing, by major industry group,

(1947-49=100)

| Major industry group | Current | | | Year ago |
|---|---|---|---|---|
| | January 1956 1/ | December 1955 1/ | November 1955 | January 1955 |
| MANUFACTURING | 107.0 | 108.8 | 109.1 | 101.2 |
| DURABLE GOODS | 116.3 | 117.7 | 117.5 | 107.6 |
| Ordnance and accessories | 361.8 | 366.2 | 370.6 | 423.5 |
| Lumber and wood products (except furniture) | 86.4 | 90.1 | 94.3 | 85.5 |
| Furniture and fixtures | 108.0 | 108.7 | 109.4 | 99.2 |
| Stone, clay, and glass products | 106.7 | 108.3 | 109.7 | 98.9 |
| Primary metal industries | 112.7 | 112.9 | 111.8 | 98.4 |
| Fabricated metal products (except ordnance, machinery, and transportation equipment) | 114.9 | 116.3 | 117.1 | 107.1 |
| Machinery (except electrical) | 109.4 | 108.8 | 106.7 | 97.5 |
| Electrical machinery | 133.4 | 136.5 | 135.9 | 124.9 |
| Transportation equipment | 146.3 | 148.0 | 145.1 | 136.9 |
| Instruments and related products | 116.5 | 117.0 | 116.0 | 111.9 |
| Miscellaneous manufacturing industries | 101.1 | 103.7 | 106.6 | 94.7 |
| NONDURABLE GOODS | 96.2 | 98.5 | 99.4 | 93.8 |
| Food and kindred products | 85.0 | 90.2 | 95.5 | 85.1 |
| Tobacco manufactures | 85.2 | 90.9 | 95.6 | 86.1 |
| Textile-mill products | 80.8 | 81.7 | 81.7 | 80.0 |
| Apparel and other finished textile products | 106.4 | 109.1 | 109.0 | 102.7 |
| Paper and allied products | 114.1 | 115.8 | 116.1 | 109.1 |
| Printing, publishing, and allied industries | 110.1 | 111.7 | 112.1 | 106.5 |
| Chemicals and allied products | 108.9 | 109.3 | 109.1 | 104.6 |
| Products of petroleum and coal | 89.8 | 91.4 | 91.9 | 90.9 |
| Rubber products | 113.9 | 114.9 | 113.4 | 102.6 |
| Leather and leather products | 94.8 | 95.7 | 91.8 | 92.9 |

1/ Preliminary.

# Seasonally Adjusted Data

## Table 6. Employees in nonagricultural establishments, by industry division, seasonally adjusted

| Industry division | Index (1947-49=100) | | | | Number (In thousands) | | | |
|---|---|---|---|---|---|---|---|---|
| | January 1956 1/ | December 1955 1/ | November 1955 | January 1955 | January 1956 1/ | December 1955 1/ | November 1955 | January 1955 |
| **TOTAL** 2/ | 114.8 | 114.8 | 114.6 | 110.7 | 50,208 | 50,211 | 50,135 | 48,404 |
| Mining | 78.7 | 79.1 | 79.1 | 78.2 | 746 | 750 | 750 | 741 |
| Contract construction 2/ | 118.4 | 117.4 | 118.4 | 118.1 | 2,492 | 2,471 | 2,493 | 2,486 |
| Manufacturing | 112.9 | 113.5 | 113.6 | 107.1 | 16,861 | 16,948 | 16,962 | 15,993 |
| Transportation and public utilities | 101.8 | 102.0 | 101.5 | 97.6 | 4,144 | 4,153 | 4,132 | 3,974 |
| Wholesale and retail trade | 117.0 | 116.3 | 115.5 | 112.4 | 11,007 | 10,941 | 10,868 | 10,574 |
| Finance, insurance, and real estate | 129.7 | 129.3 | 128.9 | 124.3 | 2,238 | 2,231 | 2,224 | 2,145 |
| Service and miscellaneous | 116.8 | 116.8 | 116.9 | 115.4 | 5,714 | 5,715 | 5,719 | 5,646 |
| Government 2/ | 123.8 | 123.7 | 123.4 | 120.9 | 7,006 | 7,002 | 6,987 | 6,845 |

1/ Preliminary. 2/ Revised series; see following page.

## Table 7. Production workers in manufacturing, by major industry group, seasonally adjusted

| Major industry group | Index (1947-49=100) | | | | Number (In thousands) | | | |
|---|---|---|---|---|---|---|---|---|
| | January 1956 1/ | December 1955 1/ | November 1955 | January 1955 | January 1956 1/ | December 1955 1/ | November 1955 | January 1955 |
| **MANUFACTURING** | 107.5 | 108.3 | 108.4 | 101.8 | 13,299 | 13,396 | 13,412 | 12,586 |
| **DURABLE GOODS** | 116.4 | 117.0 | 116.8 | 107.7 | 7,767 | 7,810 | 7,797 | 7,191 |
| Ordnance and accessories | 361.8 | 366.2 | 370.6 | 423.5 | 82 | 83 | 84 | 96 |
| Lumber and wood products (except furniture) | 91.5 | 92.0 | 93.0 | 90.5 | 675 | 679 | 686 | 668 |
| Furniture and fixtures | 106.3 | 106.7 | 106.7 | 97.9 | 314 | 315 | 315 | 289 |
| Stone, clay, and glass products | 107.8 | 107.8 | 109.2 | 99.8 | 469 | 469 | 475 | 434 |
| Primary metal industries | 112.1 | 112.3 | 111.8 | 97.9 | 1,154 | 1,156 | 1,151 | 1,008 |
| Fabricated metal products (except ordnance, machinery, and transportation equipment) | 113.7 | 115.1 | 116.4 | 106.0 | 886 | 897 | 907 | 826 |
| Machinery (except electrical) | 107.8 | 107.7 | 107.7 | 96.1 | 1,226 | 1,225 | 1,225 | 1,093 |
| Electrical machinery | 132.1 | 133.8 | 133.8 | 123.7 | 846 | 857 | 857 | 792 |
| Transportation equipment | 146.3 | 148.0 | 145.1 | 136.9 | 1,496 | 1,514 | 1,484 | 1,400 |
| Instruments and related products | 116.0 | 116.0 | 115.5 | 111.3 | 225 | 225 | 224 | 216 |
| Miscellaneous manufacturing industries | 103.7 | 102.6 | 102.4 | 97.1 | 394 | 390 | 389 | 369 |
| **NONDURABLE GOODS** | 97.1 | 98.1 | 98.6 | 94.7 | 5,532 | 5,586 | 5,615 | 5,395 |
| Food and kindred products | 91.8 | 93.2 | 94.6 | 91.7 | 1,087 | 1,103 | 1,120 | 1,085 |
| Tobacco manufactures | 84.2 | 85.2 | 89.0 | 85.2 | 89 | 90 | 94 | 90 |
| Textile-mill products | 80.0 | 80.4 | 80.9 | 79.1 | 977 | 983 | 988 | 967 |
| Apparel and other finished textile products | 105.3 | 107.5 | 109.0 | 101.6 | 1,097 | 1,119 | 1,135 | 1,058 |
| Paper and allied products | 113.6 | 114.1 | 114.8 | 108.6 | 455 | 457 | 460 | 435 |
| Printing, publishing, and allied industries | 110.1 | 110.1 | 111.1 | 106.5 | 529 | 529 | 534 | 512 |
| Chemicals and allied products | 108.9 | 108.8 | 108.0 | 104.6 | 556 | 555 | 551 | 534 |
| Products of petroleum and coal | 90.9 | 91.9 | 91.9 | 91.9 | 169 | 171 | 171 | 171 |
| Rubber products | 112.9 | 113.4 | 111.9 | 101.6 | 230 | 231 | 228 | 207 |
| Leather and leather products | 94.8 | 96.2 | 92.3 | 92.9 | 343 | 348 | 334 | 336 |

1/ Preliminary.

# Seasonally Adjusted Data

## Revision of Seasonally Adjusted Employment

The Bureau of Labor Statistics has revised the seasonally adjusted contract construction and government series beginning with data for January 1953, based on experience for the most recent years. Data shown in table 6 will be prepared monthly on the new basis.

All data affected by the revisions are summarized in the table below.

### Employees in nonagricultural establishments for selected industry divisions, seasonally adjusted

| Year and month | Index (1947-49=100) | | | Number (In thousands) | | |
|---|---|---|---|---|---|---|
| | Total nonagricultural | Contract construction | Government | Total nonagricultural | Contract construction | Government |
| 1953: January | 113.2 | 125.7 | 118.4 | 49,527 | 2,647 | 6,702 |
| February | 113.6 | 126.8 | 118.4 | 49,680 | 2,669 | 6,703 |
| March | 113.7 | 124.9 | 117.8 | 49,735 | 2,630 | 6,668 |
| April | 113.7 | 124.1 | 117.1 | 49,752 | 2,613 | 6,626 |
| May | 114.0 | 124.1 | 116.6 | 49,851 | 2,613 | 6,597 |
| June | 114.2 | 123.4 | 116.9 | 49,935 | 2,598 | 6,616 |
| July | 114.2 | 124.0 | 116.4 | 49,947 | 2,610 | 6,588 |
| August | 114.0 | 123.3 | 117.6 | 49,867 | 2,596 | 6,659 |
| September | 113.7 | 124.3 | 117.4 | 49,720 | 2,617 | 6,644 |
| October | 113.6 | 125.1 | 117.6 | 49,681 | 2,634 | 6,659 |
| November | 112.9 | 124.6 | 117.4 | 49,380 | 2,623 | 6,646 |
| December | 112.4 | 124.8 | 117.3 | 49,149 | 2,628 | 6,642 |
| 1954: January | 111.5 | 120.3 | 117.8 | 48,791 | 2,533 | 6,668 |
| February | 111.2 | 122.7 | 118.3 | 48,650 | 2,583 | 6,695 |
| March | 110.8 | 122.4 | 118.0 | 48,445 | 2,577 | 6,676 |
| April | 110.3 | 121.5 | 117.6 | 48,268 | 2,557 | 6,656 |
| May | 110.2 | 121.4 | 118.7 | 48,211 | 2,555 | 6,717 |
| June | 110.1 | 120.1 | 119.2 | 48,179 | 2,528 | 6,748 |
| July | 109.8 | 120.3 | 119.2 | 48,046 | 2,532 | 6,745 |
| August | 109.8 | 119.2 | 120.4 | 48,012 | 2,509 | 6,812 |
| September | 109.7 | 118.3 | 120.1 | 47,998 | 2,491 | 6,799 |
| October | 110.0 | 117.9 | 120.0 | 48,097 | 2,481 | 6,793 |
| November | 110.5 | 119.2 | 121.1 | 48,351 | 2,510 | 6,857 |
| December | 110.7 | 118.3 | 121.1 | 48,432 | 2,491 | 6,854 |
| 1955: January | 110.7 | 118.1 | 120.9 | 48,404 | 2,486 | 6,845 |
| February | 110.8 | 116.4 | 121.2 | 48,470 | 2,451 | 6,859 |
| March | 111.5 | 118.0 | 121.4 | 48,760 | 2,483 | 6,873 |
| April | 111.8 | 118.9 | 121.5 | 48,882 | 2,502 | 6,876 |
| May | 112.6 | 120.6 | 122.0 | 49,242 | 2,539 | 6,907 |
| June | 113.2 | 119.4 | 122.0 | 49,514 | 2,514 | 6,907 |
| July | 113.5 | 121.0 | 122.2 | 49,638 | 2,546 | 6,919 |
| August | 113.7 | 119.7 | 122.8 | 49,718 | 2,519 | 6,948 |
| September | 113.9 | 120.5 | 123.1 | 49,835 | 2,537 | 6,966 |
| October | 114.2 | 119.3 | 123.5 | 49,950 | 2,512 | 6,991 |

# Table A-1: Employees in nonagricultural establishments, by industry division

(In thousands)

| Year and month | TOTAL | Mining | Contract construction | Manufacturing | Transportation and public utilities | Wholesale and retail trade | Finance, insurance, and real estate | Service and miscellaneous | Government |
|---|---|---|---|---|---|---|---|---|---|
| Annual average: | | | | | | | | | |
| 1919 | 26,829 | 1,124 | 1,021 | 10,534 | 3,711 | 4,664 | 1,050 | 2,054 | 2,671 |
| 1920 | 27,088 | 1,230 | 848 | 10,534 | 3,998 | 4,623 | 1,110 | 2,142 | 2,603 |
| 1921 | 24,125 | 953 | 1,012 | 8,132 | 3,459 | 4,754 | 1,097 | 2,187 | 2,531 |
| 1922 | 25,569 | 920 | 1,185 | 8,986 | 3,505 | 5,084 | 1,079 | 2,268 | 2,542 |
| 1923 | 28,128 | 1,203 | 1,229 | 10,155 | 3,882 | 5,494 | 1,123 | 2,431 | 2,611 |
| 1924 | 27,770 | 1,092 | 1,321 | 9,523 | 3,806 | 5,626 | 1,163 | 2,516 | 2,723 |
| 1925 | 28,505 | 1,080 | 1,446 | 9,786 | 3,824 | 5,810 | 1,166 | 2,591 | 2,802 |
| 1926 | 29,539 | 1,176 | 1,555 | 9,997 | 3,940 | 6,033 | 1,235 | 2,755 | 2,848 |
| 1927 | 29,691 | 1,105 | 1,608 | 9,839 | 3,891 | 6,165 | 1,295 | 2,871 | 2,917 |
| 1928 | 29,710 | 1,041 | 1,606 | 9,786 | 3,822 | 6,137 | 1,360 | 2,962 | 2,996 |
| 1929 | 31,041 | 1,078 | 1,497 | 10,534 | 3,907 | 6,401 | 1,431 | 3,127 | 3,066 |
| 1930 | 29,143 | 1,000 | 1,372 | 9,401 | 3,675 | 6,064 | 1,398 | 3,084 | 3,149 |
| 1931 | 26,383 | 864 | 1,214 | 8,021 | 3,243 | 5,531 | 1,333 | 2,913 | 3,264 |
| 1932 | 23,377 | 722 | 970 | 6,797 | 2,804 | 4,907 | 1,270 | 2,682 | 3,225 |
| 1933 | 23,466 | 735 | 809 | 7,258 | 2,659 | 4,999 | 1,225 | 2,614 | 3,167 |
| 1934 | 25,699 | 874 | 862 | 8,346 | 2,736 | 5,552 | 1,247 | 2,784 | 3,298 |
| 1935 | 26,792 | 888 | 912 | 8,907 | 2,771 | 5,692 | 1,262 | 2,883 | 3,477 |
| 1936 | 28,802 | 937 | 1,145 | 9,653 | 2,956 | 6,076 | 1,313 | 3,060 | 3,662 |
| 1937 | 30,718 | 1,006 | 1,112 | 10,606 | 3,114 | 6,543 | 1,355 | 3,233 | 3,749 |
| 1938 | 28,902 | 882 | 1,055 | 9,253 | 2,840 | 6,453 | 1,347 | 3,196 | 3,876 |
| 1939 | 30,311 | 845 | 1,150 | 10,078 | 2,912 | 6,612 | 1,399 | 3,321 | 3,995 |
| 1940 | 32,058 | 916 | 1,294 | 10,780 | 3,013 | 6,940 | 1,436 | 3,477 | 4,202 |
| 1941 | 36,220 | 947 | 1,790 | 12,974 | 3,248 | 7,416 | 1,480 | 3,705 | 4,660 |
| 1942 | 39,779 | 983 | 2,170 | 15,051 | 3,433 | 7,333 | 1,469 | 3,857 | 5,483 |
| 1943 | 42,106 | 917 | 1,567 | 17,381 | 3,619 | 7,189 | 1,435 | 3,919 | 6,080 |
| 1944 | 41,534 | 883 | 1,094 | 17,111 | 3,798 | 7,260 | 1,409 | 3,934 | 6,043 |
| 1945 | 40,037 | 826 | 1,132 | 15,302 | 3,872 | 7,522 | 1,428 | 4,011 | 5,944 |
| 1946 | 41,287 | 852 | 1,661 | 14,461 | 4,023 | 8,602 | 1,619 | 4,474 | 5,595 |
| 1947 | 43,462 | 943 | 1,982 | 15,290 | 4,122 | 9,196 | 1,672 | 4,783 | 5,474 |
| 1948 | 44,448 | 982 | 2,169 | 15,321 | 4,141 | 9,519 | 1,741 | 4,925 | 5,650 |
| 1949 | 43,315 | 918 | 2,165 | 14,178 | 3,949 | 9,513 | 1,765 | 4,972 | 5,856 |
| 1950 | 44,738 | 889 | 2,333 | 14,967 | 3,977 | 9,645 | 1,824 | 5,077 | 6,026 |
| 1951 | 47,347 | 916 | 2,603 | 16,104 | 4,166 | 10,012 | 1,892 | 5,264 | 6,389 |
| 1952 | 48,303 | 885 | 2,634 | 16,334 | 4,185 | 10,281 | 1,967 | 5,411 | 6,609 |
| 1953 | 49,681 | 852 | 2,622 | 17,238 | 4,221 | 10,527 | 2,038 | 5,538 | 6,645 |
| 1954 | 48,285 | 770 | 2,527 | 15,989 | 4,008 | 10,498 | 2,114 | 5,629 | 6,751 |
| 1955 | 49,398 | 748 | 2,506 | 16,552 | 4,057 | 10,728 | 2,191 | 5,694 | 6,923 |
| 1954: December | 49,463 | 747 | 2,426 | 16,050 | 3,996 | 11,354 | 2,136 | 5,588 | 7,166 |
| 1955: January | 47,741 | 741 | 2,237 | 15,925 | 3,927 | 10,419 | 2,124 | 5,533 | 6,835 |
| February | 47,753 | 737 | 2,169 | 16,060 | 3,937 | 10,309 | 2,132 | 5,536 | 6,873 |
| March | 48,212 | 739 | 2,255 | 16,201 | 3,966 | 10,408 | 2,150 | 5,571 | 6,922 |
| April | 48,643 | 739 | 2,399 | 16,255 | 3,939 | 10,549 | 2,161 | 5,674 | 6,927 |
| May | 48,918 | 742 | 2,526 | 16,334 | 3,997 | 10,534 | 2,171 | 5,733 | 6,881 |
| June | 49,508 | 760 | 2,615 | 16,577 | 4,081 | 10,643 | 2,206 | 5,775 | 6,851 |
| July | 49,420 | 749 | 2,701 | 16,475 | 4,113 | 10,633 | 2,237 | 5,816 | 6,696 |
| August | 49,858 | 754 | 2,746 | 16,807 | 4,137 | 10,638 | 2,241 | 5,818 | 6,717 |
| September | 50,322 | 758 | 2,748 | 16,915 | 4,152 | 10,824 | 2,223 | 5,791 | 6,911 |
| October | 50,471 | 751 | 2,685 | 16,999 | 4,127 | 10,909 | 2,216 | 5,730 | 7,054 |
| November | 50,629 | 754 | 2,580 | 17,049 | 4,143 | 11,126 | 2,213 | 5,690 | 7,074 |
| December | 51,299 | 754 | 2,407 | 17,009 | 4,164 | 11,747 | 2,220 | 5,658 | 7,340 |

## Table A-2: All employees and production workers in nonagricultural establishments, by industry

(In thousands)

| Industry | All employees 1955 | | | Production workers 1955 | | |
|---|---|---|---|---|---|---|
| | Dec. | Nov. | Average | Dec. | Nov. | Average |
| TOTAL | 51,299 | 50,629 | 49,398 | - | - | - |
| *MINING* | 754 | 754 | 748 | - | - | - |
| METAL MINING | 99.2 | 99.9 | 96.5 | 84.8 | 85.8 | 82.3 |
| Iron mining | 33.7 | 35.0 | 33.7 | 29.3 | 30.6 | 29.2 |
| Copper mining | 30.0 | 29.7 | 27.2 | 25.6 | 25.4 | 22.9 |
| Lead and zinc mining | 15.2 | 15.1 | 15.9 | 12.9 | 12.8 | 13.5 |
| ANTHRACITE | (1/) | 35.3 | (1/) | (1/) | 31.8 | (1/) |
| BITUMINOUS-COAL | 211.6 | 210.8 | 209.1 | 193.8 | 193.9 | 191.7 |
| CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION | 303.5 | 301.5 | 300.7 | - | - | - |
| Petroleum and natural-gas production (except contract services) | - | - | - | 122.3 | 121.1 | 124.7 |
| NONMETALLIC MINING AND QUARRYING | 103.8 | 106.7 | 105.5 | 89.1 | 91.8 | 90.3 |
| *CONTRACT CONSTRUCTION* | 2,407 | 2,580 | 2,506 | - | - | - |
| NONBUILDING CONSTRUCTION | 441 | 517 | 498 | - | - | - |
| Highway and street | 187.2 | 235.7 | 222.8 | - | - | - |
| Other nonbuilding construction | 253.3 | 280.8 | 274.8 | - | - | - |
| BUILDING CONSTRUCTION | 1,966 | 2,063 | 2,008 | - | - | - |
| GENERAL CONTRACTORS | 757.9 | 808.4 | 791.0 | - | - | - |
| SPECIAL-TRADE CONTRACTORS | 1,208.4 | 1,254.1 | 1,217.0 | - | - | - |
| Plumbing and heating | 276.0 | 285.2 | 281.8 | - | - | - |
| Painting and decorating | 138.1 | 151.8 | 145.7 | - | - | - |
| Electrical work | 148.1 | 151.4 | 148.3 | - | - | - |
| Other special-trade contractors | 646.2 | 665.7 | 641.2 | - | - | - |
| *MANUFACTURING* | 17,009 | 17,049 | 16,552 | 13,460 | 13,498 | 13,061 |
| DURABLE GOODS | 9,884 | 9,867 | 9,538 | 7,853 | 7,839 | 7,547 |
| NONDURABLE GOODS | 7,125 | 7,182 | 7,014 | 5,607 | 5,659 | 5,515 |
| ORDNANCE AND ACCESSORIES | 123.4 | 126.4 | 132.1 | 83.2 | 84.1 | 89.0 |
| FOOD AND KINDRED PRODUCTS | 1,509.7 | 1,572.8 | 1,535.3 | 1,068.0 | 1,130.3 | 1,096.2 |
| Meat products | 341.0 | 339.5 | 327.6 | 268.9 | 268.7 | 257.3 |
| Dairy products | 113.1 | 115.2 | 120.5 | 73.1 | 75.0 | 79.8 |
| Canning and preserving | 188.8 | 233.8 | 228.5 | 157.3 | 201.3 | 197.0 |
| Grain-mill products | 116.4 | 117.1 | 119.2 | 83.2 | 83.8 | 85.9 |
| Bakery products | 290.3 | 290.9 | 285.8 | 174.7 | 175.0 | 172.0 |
| Sugar | 42.7 | 49.1 | 32.4 | 37.3 | 43.0 | 26.9 |
| Confectionery and related products | 86.0 | 89.5 | 79.8 | 71.5 | 74.9 | 65.5 |
| Beverages | 200.2 | 203.3 | 205.8 | 111.9 | 115.8 | 116.6 |
| Miscellaneous food products | 131.2 | 134.4 | 135.7 | 90.1 | 92.8 | 95.2 |
| TOBACCO MANUFACTURES | 104.7 | 109.4 | 100.9 | 96.3 | 100.8 | 92.7 |
| Cigarettes | 34.0 | 34.1 | 33.0 | 30.8 | 30.8 | 30.0 |
| Cigars | 38.7 | 39.4 | 38.3 | 37.0 | 37.7 | 36.5 |
| Tobacco and snuff | 7.2 | 7.4 | 7.4 | 6.1 | 6.3 | 6.3 |
| Tobacco stemming and redrying | 24.8 | 28.5 | 22.2 | 22.4 | 26.0 | 19.9 |

1/ Data are not available.

## Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

(In thousands)

| Industry | All employees | | | Production workers | | |
|---|---|---|---|---|---|---|
| | 1955 | | | 1955 | | |
| | Dec. | Nov. | Average | Dec. | Nov. | Average |
| **TEXTILE-MILL PRODUCTS** | 1,090.0 | 1,090.7 | 1,074.8 | 998.1 | 997.5 | 982.1 |
| Scouring and combing plants | 6.5 | 6.2 | 6.5 | 5.9 | 5.7 | 5.9 |
| Yarn and thread mills | 130.4 | 129.8 | 130.4 | 121.0 | 120.5 | 120.9 |
| Broad-woven fabric mills | 470.5 | 469.1 | 467.4 | 443.6 | 441.2 | 439.7 |
| Narrow fabrics and smallwares | 32.4 | 32.3 | 31.6 | 28.6 | 28.4 | 27.6 |
| Knitting mills | 228.0 | 231.8 | 221.9 | 207.4 | 210.9 | 201.3 |
| Dyeing and finishing textiles | 90.5 | 90.2 | 88.9 | 79.5 | 79.0 | 77.8 |
| Carpets, rugs, other floor coverings | 51.6 | 51.1 | 50.3 | 43.7 | 43.3 | 42.4 |
| Hats (except cloth and millinery | 13.0 | 12.7 | 12.5 | 11.4 | 11.2 | 11.0 |
| Miscellaneous textile goods | 67.1 | 67.5 | 65.3 | 57.0 | 57.3 | 55.5 |
| **APPAREL AND OTHER FINISHED TEXTILE PRODUCTS** | 1,268.4 | 1,268.5 | 1,219.8 | 1,135.5 | 1,135.1 | 1,089.3 |
| Men's and boys' suits and coats | 123.5 | 123.5 | 120.3 | 111.6 | 111.4 | 108.3 |
| Men's and boys' furnishings and work clothing | 329.0 | 330.7 | 318.1 | 303.3 | 305.0 | 293.1 |
| Women's outerwear | 381.3 | 376.0 | 364.5 | 339.5 | 333.7 | 323.2 |
| Women's, children's under garments | 122.5 | 124.3 | 118.2 | 110.0 | 111.8 | 105.6 |
| Millinery | 21.1 | 19.0 | 21.2 | 18.7 | 16.7 | 18.7 |
| Children's outerwear | 71.8 | 72.1 | 71.5 | 64.5 | 64.8 | 64.6 |
| Fur goods | 11.7 | 12.3 | 10.5 | 8.9 | 9.5 | 8.0 |
| Miscellaneous apparel and accessories | 66.4 | 67.2 | 63.2 | 59.0 | 60.3 | 56.5 |
| Other fabricated textile products | 141.1 | 143.4 | 132.3 | 120.0 | 121.9 | 111.3 |
| **LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)** | 735.0 | 765.5 | 753.1 | 664.5 | 696.1 | 685.1 |
| Logging camps and contractors | 95.8 | 111.4 | 103.2 | 88.6 | 104.7 | 96.5 |
| Sawmills and planing mills | 390.8 | 401.9 | 400.8 | 360.5 | 372.4 | 371.8 |
| Millwork, plywood, and prefabricated structural wood products | 134.8 | 138.6 | 137.7 | 112.6 | 116.3 | 116.1 |
| Wooden containers | 53.3 | 53.5 | 53.1 | 49.2 | 49.4 | 49.0 |
| Miscellaneous wood products | 60.3 | 60.1 | 58.3 | 53.6 | 53.3 | 51.7 |
| **FURNITURE AND FIXTURES** | 377.8 | 379.8 | 362.8 | 321.4 | 323.1 | 306.6 |
| Household furniture | 267.6 | 269.0 | 256.7 | 234.4 | 235.6 | 223.3 |
| Office, public-building, and professional furniture | 44.4 | 44.3 | 42.7 | 36.0 | 35.9 | 34.5 |
| Partitions, shelving, lockers, and fixtures | 37.0 | 37.4 | 36.0 | 28.6 | 29.0 | 27.7 |
| Screens, blinds, and miscellaneous furniture and fixtures | 28.8 | 29.1 | 27.4 | 22.4 | 22.6 | 21.1 |
| **PAPER AND ALLIED PRODUCTS** | 563.2 | 564.5 | 548.1 | 463.5 | 465.3 | 450.9 |
| Pulp, paper, and paperboards mills | 276.6 | 275.4 | 269.8 | 231.3 | 231.6 | 226.2 |
| Paperboard containers and boxes | 156.9 | 158.2 | 150.6 | 129.0 | 130.1 | 123.5 |
| Other paper and allied products | 129.7 | 130.9 | 127.7 | 103.2 | 103.6 | 101.2 |
| **PRINTING, PUBLISHING, AND ALLIED INDUSTRIES** | 830.2 | 833.3 | 812.0 | 536.6 | 538.9 | 522.7 |
| Newspapers | 300.9 | 302.6 | 297.2 | 151.3 | 151.3 | 148.0 |
| Periodicals | 65.0 | 65.4 | 62.5 | 26.7 | 27.3 | 26.1 |
| Books | 48.8 | 49.1 | 48.4 | 30.0 | 30.0 | 29.3 |
| Commercial printing | 221.4 | 219.4 | 213.7 | 179.8 | 178.6 | 173.4 |
| Lithographing | 62.1 | 62.9 | 60.4 | 47.2 | 47.8 | 45.7 |
| Greeting cards | 19.7 | 21.4 | 18.9 | 14.2 | 15.9 | 13.9 |
| Bookbinding and related industries | 45.6 | 45.6 | 43.7 | 36.5 | 36.7 | 35.0 |
| Miscellaneous publishing and printing services | 66.7 | 66.9 | 67.2 | 50.9 | 51.3 | 51.3 |

## Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

(In thousands)

| Industry | All employees | | | Production workers | | |
|---|---|---|---|---|---|---|
| | 1955 | | | 1955 | | |
| | Dec. | Nov. | Average | Dec. | Nov. | Average |
| **CHEMICALS AND ALLIED PRODUCTS** | 829.3 | 827.9 | 812.6 | 558.4 | 557.1 | 547.7 |
| Industrial inorganic chemicals | 112.1 | 111.4 | 107.7 | 79.3 | 78.8 | 76.0 |
| Industrial organic chemicals | 315.8 | 314.5 | 309.2 | 219.9 | 218.2 | 215.4 |
| Drugs and medicines | 92.8 | 92.1 | 92.5 | 55.5 | 55.4 | 56.1 |
| Soap, cleaning and polishing preparations | 50.8 | 51.0 | 50.5 | 30.7 | 30.8 | 30.6 |
| Paints, pigments, and fillers | 71.3 | 71.7 | 71.5 | 45.5 | 45.4 | 45.3 |
| Gum and wood chemicals | 8.0 | 8.0 | 7.9 | 6.8 | 6.8 | 6.7 |
| Fertilizers | 34.6 | 34.3 | 36.9 | 25.9 | 25.6 | 28.0 |
| Vegetable and animal oils and fats | 45.4 | 47.0 | 41.5 | 32.2 | 33.2 | 28.7 |
| Miscellaneous chemicals | 98.5 | 97.9 | 94.9 | 62.6 | 62.9 | 60.9 |
| **PRODUCTS OF PETROLEUM AND COAL** | 249.1 | 250.8 | 251.4 | 170.0 | 170.5 | 172.8 |
| Petroleum refining | 200.0 | 200.3 | 201.3 | 130.2 | 129.6 | 132.3 |
| Coke, other petroleum and coal products | 49.1 | 50.5 | 50.1 | 39.8 | 40.9 | 40.5 |
| **RUBBER PRODUCTS** | 292.7 | 290.1 | 276.6 | 234.1 | 231.2 | 218.6 |
| Tires and inner tubes | 122.7 | 121.5 | 117.7 | 95.6 | 94.2 | 90.4 |
| Rubber footwear | 31.1 | 30.8 | 28.0 | 25.8 | 25.5 | 22.7 |
| Other rubber products | 138.9 | 137.8 | 130.9 | 112.7 | 111.5 | 105.5 |
| **LEATHER AND LEATHER PRODUCTS** | 387.6 | 374.1 | 382.4 | 346.0 | 332.2 | 341.6 |
| Leather: tanned, curried, and finished | 43.8 | 43.9 | 43.5 | 39.6 | 39.6 | 39.2 |
| Industrial leather belting and packing | 5.2 | 4.6 | 4.9 | 4.0 | 3.4 | 3.7 |
| Boot and shoe cut stock and findings | 17.0 | 16.2 | 16.7 | 15.3 | 14.6 | 15.0 |
| Footwear (except rubber) | 250.6 | 236.2 | 248.3 | 225.0 | 210.7 | 223.4 |
| Luggage | 18.5 | 19.4 | 18.2 | 15.9 | 16.7 | 15.6 |
| Handbags and small leather goods | 32.7 | 33.5 | 32.5 | 29.0 | 29.7 | 28.9 |
| Gloves and miscellaneous leather goods | 19.8 | 20.3 | 18.3 | 17.2 | 17.5 | 15.8 |
| **STONE, CLAY, AND GLASS PRODUCTS** | 559.7 | 564.8 | 546.6 | 470.5 | 476.5 | 459.5 |
| Flat glass | 33.9 | 33.5 | 32.6 | 30.5 | 30.2 | 29.3 |
| Glass and glassware, pressed or blown | 94.0 | 95.1 | 92.5 | 79.5 | 80.8 | 78.5 |
| Glass products made of purchased glass | 19.1 | 19.0 | 17.4 | 16.4 | 16.4 | 15.0 |
| Cement, hydraulic | 44.2 | 44.3 | 43.6 | 37.2 | 37.2 | 36.6 |
| Structural clay products | 82.6 | 83.7 | 80.7 | 73.6 | 75.0 | 72.1 |
| Pottery and related products | 55.9 | 55.2 | 53.9 | 49.7 | 48.9 | 47.8 |
| Concrete, gypsum, and plaster products | 111.9 | 115.5 | 112.0 | 91.5 | 95.2 | 91.8 |
| Cut-stone and stone products | 20.7 | 20.7 | 20.2 | 18.2 | 18.2 | 17.7 |
| Miscellaneous nonmetallic mineral products | 97.4 | 97.8 | 93.7 | 73.9 | 74.6 | 70.7 |
| **PRIMARY METAL INDUSTRIES** | 1,366.1 | 1,357.8 | 1,299.5 | 1,161.6 | 1,150.9 | 1,098.4 |
| Blast furnaces, steel works, and rolling mills | 659.1 | 656.9 | 635.7 | 568.4 | 563.9 | 545.0 |
| Iron and steel foundries | 259.8 | 256.0 | 240.1 | 229.3 | 225.1 | 210.8 |
| Primary smelting and refining of nonferrous metals | 68.9 | 68.7 | 65.8 | 55.5 | 55.3 | 53.2 |
| Secondary smelting and refining of nonferrous metals | 13.2 | 13.2 | 12.7 | 10.1 | 10.0 | 9.5 |
| Rolling, drawing, and alloying of nonferrous metals | 115.6 | 115.8 | 111.1 | 92.3 | 93.1 | 88.8 |
| Nonferrous foundries | 90.7 | 90.1 | 85.5 | 76.5 | 75.7 | 71.2 |
| Miscellaneous primary metal industries | 158.8 | 157.1 | 148.6 | 129.5 | 127.8 | 119.9 |

## Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

(In thousands)

| Industry | All employees | | | Production workers | | |
|---|---|---|---|---|---|---|
| | 1955 | | | 1955 | | |
| | Dec. | Nov. | Average | Dec. | Nov. | Average |
| **FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)** | 1,123.3 | 1,128.5 | 1,089.6 | 906.1 | 912.0 | 876.9 |
| Tin cans and other tinware | 54.7 | 56.9 | 58.6 | 47.4 | 49.4 | 51.2 |
| Cutlery, hand tools, and hardware | 155.2 | 154.8 | 149.5 | 127.7 | 127.6 | 122.7 |
| Heating apparatus (except electric) and plumbers' supplies | 135.9 | 137.1 | 132.9 | 106.9 | 108.2 | 104.5 |
| Fabricated structural metal products | 287.0 | 288.7 | 278.2 | 216.1 | 218.5 | 208.9 |
| Metal stamping, coating, and engraving | 227.5 | 228.3 | 219.7 | 191.0 | 192.0 | 184.3 |
| Lighting fixtures | 49.7 | 50.5 | 47.9 | 40.7 | 41.2 | 38.7 |
| Fabricated wire products | 68.8 | 67.4 | 64.5 | 57.7 | 56.2 | 53.8 |
| Miscellaneous fabricated metal products | 144.5 | 144.8 | 138.3 | 118.6 | 118.9 | 112.8 |
| **MACHINERY (EXCEPT ELECTRICAL)** | 1,655.7 | 1,629.6 | 1,577.0 | 1,237.1 | 1,212.6 | 1,167.5 |
| Engines and turbines | 82.4 | 80.7 | 79.9 | 60.8 | 59.3 | 57.5 |
| Agricultural machinery and tractors | 166.4 | 163.1 | 158.8 | 124.3 | 121.3 | 117.7 |
| Construction and mining machinery | 139.9 | 138.2 | 130.0 | 102.7 | 100.9 | 94.3 |
| Metalworking machinery | 272.1 | 268.0 | 258.3 | 209.9 | 206.0 | 197.5 |
| Special-industry machinery (except metalworking machinery) | 187.3 | 184.5 | 180.0 | 134.0 | 131.6 | 127.9 |
| General industrial machinery | 244.0 | 242.4 | 233.3 | 166.3 | 164.9 | 157.3 |
| Office and store machines and devices | 111.3 | 109.6 | 106.6 | 85.4 | 84.4 | 82.8 |
| Service-industry and household machines | 180.8 | 175.6 | 176.9 | 138.4 | 133.3 | 134.4 |
| Miscellaneous machinery parts | 271.5 | 267.5 | 253.2 | 215.3 | 210.9 | 198.1 |
| **ELECTRICAL MACHINERY** | 1,175.5 | 1,169.8 | 1,129.7 | 873.6 | 869.8 | 828.3 |
| Electrical generating, transmission, distribution, and industrial apparatus | 362.1 | 357.3 | 369.3 | 258.9 | 253.7 | 259.8 |
| Electrical appliances | 73.7 | 73.7 | 67.8 | 60.7 | 60.5 | 54.6 |
| Insulated wire and cable | 28.6 | 28.0 | 26.3 | 22.8 | 22.4 | 21.0 |
| Electrical equipment for vehicles | 83.5 | 82.5 | 78.7 | 68.9 | 67.9 | 64.3 |
| Electric lamps | 23.1 | 22.9 | 25.4 | 20.3 | 20.1 | 22.1 |
| Communication equipment | 554.3 | 554.0 | 514.8 | 404.0 | 406.0 | 371.1 |
| Miscellaneous electrical products | 50.2 | 51.4 | 47.4 | 38.0 | 39.2 | 35.4 |
| **TRANSPORTATION EQUIPMENT** | 1,959.2 | 1,928.1 | 1,861.5 | 1,513.5 | 1,483.7 | 1,431.1 |
| Automobiles | 991.6 | 976.1 | 921.2 | 826.8 | 811.2 | 761.2 |
| Aircraft and parts | 773.3 | 763.8 | 750.9 | 527.5 | 518.7 | 513.9 |
| Aircraft | 497.8 | 492.9 | 482.2 | 340.5 | 336.1 | 330.0 |
| Aircraft engines and parts | 151.5 | 148.3 | 145.6 | 97.3 | 94.6 | 94.5 |
| Aircraft propellers and parts | 14.3 | 13.9 | 13.7 | 9.7 | 9.4 | 9.3 |
| Other aircraft parts and equipment | 109.7 | 108.7 | 109.4 | 80.0 | 78.6 | 80.1 |
| Ship and boat building and repairing | 120.6 | 116.6 | 122.5 | 102.9 | 98.6 | 105.4 |
| Shipbuilding and repairing | 96.6 | 94.1 | 99.4 | 82.0 | 79.1 | 85.3 |
| Boatbuilding and repairing | 24.0 | 22.5 | 23.1 | 20.9 | 19.5 | 20.1 |
| Railroad equipment | 63.5 | 60.7 | 57.3 | 47.9 | 46.0 | 42.8 |
| Other transportation equipment | 10.2 | 10.9 | 9.6 | 8.4 | 9.2 | 7.8 |
| **INSTRUMENTS AND RELATED PRODUCTS** | 323.7 | 322.0 | 314.4 | 227.2 | 225.1 | 219.9 |
| Laboratory, scientific, and engineering instruments | 51.3 | 50.7 | 49.6 | 30.4 | 29.7 | 29.3 |
| Mechanical measuring and controlling instruments | 89.8 | 89.2 | 86.5 | 64.0 | 63.3 | 61.5 |
| Optical instruments and lenses | 12.8 | 12.8 | 12.7 | 9.9 | 9.9 | 9.8 |
| Surgical, medical, and dental instruments | 41.5 | 41.4 | 40.3 | 29.0 | 28.7 | 27.9 |
| Ophthalmic goods | 26.0 | 25.6 | 24.3 | 20.8 | 20.5 | 19.3 |
| Photographic apparatus | 67.1 | 66.6 | 66.8 | 44.2 | 43.7 | 44.1 |
| Watches and clocks | 35.2 | 35.7 | 34.2 | 28.9 | 29.3 | 28.0 |

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## Table A-2: All employees and production workers in nonagricultural establishments, by industry - Continued

(In thousands)

| Industry | All employees | | | Production workers | | |
|---|---|---|---|---|---|---|
| | 1955 | | | 1955 | | |
| | Dec. | Nov. | Average | Dec. | Nov. | Average |
| MISCELLANEOUS MANUFACTURING INDUSTRIES... | 484.1 | 495.0 | 471.4 | 393.9 | 405.4 | 384.5 |
| Jewelry, silverware, and plated ware.... | 54.0 | 54.8 | 52.7 | 43.7 | 44.6 | 42.3 |
| Musical instruments and parts..... | 18.7 | 18.6 | 17.9 | 15.9 | 15.8 | 15.3 |
| Toys and sporting goods..... | 87.9 | 95.7 | 86.9 | 73.2 | 81.2 | 72.9 |
| Pens, pencils, other office supplies.... | 29.6 | 30.1 | 29.5 | 22.2 | 22.6 | 21.9 |
| Costume jewelry, buttons, notions..... | 66.2 | 67.4 | 65.5 | 54.6 | 55.5 | 54.4 |
| Fabricated plastics products..... | 82.4 | 82.4 | 77.0 | 67.4 | 67.3 | 62.7 |
| Other manufacturing industries..... | 145.3 | 146.0 | 141.9 | 116.9 | 118.4 | 115.0 |
| *TRANSPORTATION AND PUBLIC UTILITIES*..... | 4,164 | 4,143 | 4,057 | - | - | - |
| TRANSPORTATION..... | 2,800 | 2,783 | 2,722 | - | - | - |
| Interstate railroads..... | 1,228.5 | 1,225.4 | 1,205.1 | - | - | - |
| Class I railroads..... | 1,070.5 | 1,077.0 | 1,057.1 | - | - | - |
| Local railways and bus lines..... | 114.4 | 114.6 | 117.3 | - | - | - |
| Trucking and warehousing..... | 814.3 | 808.6 | 767.8 | - | - | - |
| Other transportation and services..... | 642.8 | 634.2 | 631.7 | - | - | - |
| Bus lines, except local..... | 43.9 | 43.9 | 44.1 | - | - | - |
| Air transportation (common carrier)..... | 119.1 | 118.8 | 113.8 | - | - | - |
| COMMUNICATION..... | 781 | 777 | 752 | - | - | - |
| Telephone..... | 737.8 | 734.6 | 709.8 | - | - | - |
| Telegraph..... | 42.2 | 41.5 | 41.6 | - | - | - |
| OTHER PUBLIC UTILITIES..... | 583 | 583 | 583 | - | - | - |
| Gas and electric utilities..... | 560.8 | 560.1 | 560.6 | - | - | - |
| Electric light and power utilities..... | 249.7 | 249.8 | 250.4 | - | - | - |
| Gas utilities..... | 142.6 | 142.0 | 141.3 | - | - | - |
| Electric light and gas utilities combined..... | 168.5 | 168.3 | 168.9 | - | - | - |
| Local utilities, not elsewhere classified..... | 22.5 | 22.6 | 22.7 | - | - | - |
| *WHOLESALE AND RETAIL TRADE*..... | 11,747 | 11,126 | 10,728 | - | - | - |
| WHOLESALE TRADE..... | 2,959 | 2,942 | 2,856 | - | - | - |
| RETAIL TRADE..... | 8,788 | 8,184 | 7,872 | - | - | - |
| General merchandise stores..... | 1,963.9 | 1,570.0 | 1,413.6 | - | - | - |
| Food and liquor stores..... | 1,584.9 | 1,554.5 | 1,504.7 | - | - | - |
| Automotive and accessories dealers..... | 799.3 | 789.9 | 774.5 | - | - | - |
| Apparel and accessories stores..... | 732.9 | 626.3 | 596.9 | - | - | - |
| Other retail trade..... | 3,707.3 | 3,643.3 | 3,582.3 | - | - | - |
| *FINANCE, INSURANCE, AND REAL ESTATE*..... | 2,220 | 2,213 | 2,191 | - | - | - |
| Banks and trust companies..... | 562.4 | 560.3 | 549.3 | - | - | - |
| Security dealers and exchanges..... | 79.9 | 79.5 | 77.5 | - | - | - |
| Insurance carriers and agents..... | 802.5 | 799.9 | 790.7 | - | - | - |
| Other finance agencies and real estate... | 774.7 | 773.2 | 773.5 | - | - | - |
| *SERVICE AND MISCELLANEOUS*..... | 5,658 | 5,690 | 5,694 | - | - | - |
| Hotels and lodging places..... | 459.1 | 460.5 | 492.7 | - | - | - |
| Personal services: | | | | | | |
| Laundries..... | 331.5 | 332.6 | 332.1 | - | - | - |
| Cleaning and dyeing plants..... | 152.5 | 155.5 | 155.2 | - | - | - |
| Motion pictures..... | 226.4 | 231.7 | 233.8 | - | - | - |
| *GOVERNMENT*..... | 7,340 | 7,074 | 6,923 | - | - | - |
| FEDERAL..... | 2,461 | 2,168 | 2,190 | - | - | - |
| STATE AND LOCAL..... | 4,879 | 4,906 | 4,734 | - | - | - |

## Table A-3: Indexes of production-worker employment and weekly payroll in manufacturing

| Year and month | Production-worker employment | | Production-worker payroll index (1947-49 = 100) |
|---|---|---|---|
| | Number (in thousands) | Index (1947-49 = 100) | |
| Annual average: | | | |
| 1919 | 8,495 | 68.7 | 31.1 |
| 1920 | 8,529 | 69.0 | 37.1 |
| 1921 | 6,528 | 52.8 | 24.0 |
| 1922 | 7,223 | 58.4 | 25.7 |
| 1923 | 8,269 | 66.9 | 32.6 |
| 1924 | 7,678 | 62.1 | 30.4 |
| 1925 | 7,947 | 64.2 | 32.1 |
| 1926 | 8,097 | 65.5 | 33.0 |
| 1927 | 7,923 | 64.1 | 32.4 |
| 1928 | 7,937 | 64.2 | 32.8 |
| 1929 | 8,445 | 68.3 | 35.0 |
| 1930 | 7,358 | 59.5 | 28.3 |
| 1931 | 6,212 | 50.2 | 21.5 |
| 1932 | 5,275 | 42.6 | 14.8 |
| 1933 | 5,840 | 47.2 | 15.9 |
| 1934 | 6,811 | 55.1 | 20.4 |
| 1935 | 7,269 | 58.8 | 23.5 |
| 1936 | 7,900 | 63.9 | 27.2 |
| 1937 | 8,666 | 70.1 | 32.6 |
| 1938 | 7,372 | 59.6 | 25.3 |
| 1939 | 8,192 | 66.2 | 29.9 |
| 1940 | 8,811 | 71.2 | 34.0 |
| 1941 | 10,877 | 87.9 | 49.3 |
| 1942 | 12,854 | 103.9 | 72.2 |
| 1943 | 15,014 | 121.4 | 99.0 |
| 1944 | 14,607 | 118.1 | 102.8 |
| 1945 | 12,864 | 104.0 | 87.8 |
| 1946 | 12,105 | 97.9 | 81.2 |
| 1947 | 12,795 | 103.4 | 97.7 |
| 1948 | 12,715 | 102.8 | 105.1 |
| 1949 | 11,597 | 93.8 | 97.2 |
| 1950 | 12,317 | 99.6 | 111.7 |
| 1951 | 13,155 | 106.4 | 129.8 |
| 1952 | 13,144 | 106.3 | 136.6 |
| 1953 | 13,833 | 111.8 | 151.4 |
| 1954 | 12,588 | 101.8 | 137.7 |
| 1955 | 13,061 | 105.6 | 152.9 |
| 1954: December | 12,645 | 102.2 | 143.1 |
| 1955: January | 12,523 | 101.2 | 141.5 |
| February | 12,649 | 102.3 | 144.4 |
| March | 12,778 | 103.3 | 146.6 |
| April | 12,816 | 103.6 | 146.7 |
| May | 12,882 | 104.1 | 150.1 |
| June | 13,086 | 105.8 | 152.1 |
| July | 12,951 | 104.7 | 151.0 |
| August | 13,262 | 107.2 | 154.6 |
| September | 13,373 | 108.1 | 158.7 |
| October | 13,446 | 108.7 | 161.2 |
| November | 13,498 | 109.1 | 163.9 |
| December | 13,460 | 108.8 | 163.8 |

## Table A-4: Employees in Government and private shipyards, by region

(In thousands)

| Region 1/ | 1955 | | |
|---|---|---|---|
| | December | November | Average |
| *ALL REGIONS* | 200.3 | 200.4 | 206.4 |
| PRIVATE YARDS | 96.6 | 94.1 | 99.4 |
| NAVY YARDS | 103.7 | 106.3 | 107.0 |
| **NORTH ATLANTIC** | 85.3 | 83.9 | 87.2 |
| Private yards | 40.0 | 37.6 | 40.2 |
| Navy yards 2/ | 45.3 | 46.3 | 46.9 |
| **SOUTH ATLANTIC** | 34.8 | 35.1 | 36.2 |
| Private yards | 14.3 | 14.1 | 15.6 |
| Navy yards | 20.5 | 21.0 | 20.6 |
| **GULF:** | | | |
| Private yards | 19.7 | 21.8 | 21.2 |
| **PACIFIC** | 51.4 | 51.1 | 53.1 |
| Private yards | 13.5 | 12.1 | 13.6 |
| Navy yards | 37.9 | 39.0 | 39.5 |
| **GREAT LAKES:** | | | |
| Private yards | 4.1 | 3.5 | 3.7 |
| **INLAND:** | | | |
| Private yards | 5.0 | 5.0 | 5.1 |

1/ The North Atlantic region includes all yards bordering on the Atlantic in the following States: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

The South Atlantic region includes all yards bordering on the Atlantic in the following States: Florida, Georgia, North Carolina, South Carolina, and Virginia.

The Gulf region includes all yards bordering on the Gulf of Mexico in the following States: Alabama, Florida, Louisiana, Mississippi, and Texas.

The Pacific region includes all yards in California, Oregon, and Washington.

The Great Lakes region includes all yards bordering on the Great Lakes in the following States: Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin.

The Inland region includes all other yards.

2/ Data include Curtis Bay Coast Guard Yard.

## Table A-5: Federal personnel, civilian and military

(In thousands)

| Branch and agency | 1955 | | |
|---|---|---|---|
| | December | November | Average |
| TOTAL FEDERAL CIVILIAN EMPLOYMENT 1/ | 2,461 | 2,168 | 2,190 |
| Executive 2/ | 2,435.2 | 2,142.2 | 2,163.8 |
| Department of Defense | 1,023.8 | 1,033.8 | 1,027.9 |
| Post Office Department | 815.7 | 508.4 | 532.1 |
| Other agencies | 595.7 | 600.0 | 603.8 |
| Legislative | 21.4 | 21.5 | 21.6 |
| Judicial | 4.2 | 4.3 | 4.1 |
| District of Columbia 3/ | 235.0 | 230.0 | 230.0 |
| Executive 2/ | 214.7 | 209.6 | 209.5 |
| Department of Defense | 90.0 | 90.3 | 89.4 |
| Post Office Department | 14.6 | 8.6 | 9.1 |
| Other agencies | 110.1 | 110.7 | 111.0 |
| Legislative | 19.6 | 19.7 | 19.8 |
| Judicial | .7 | .7 | .7 |
| TOTAL MILITARY PERSONNEL 4/ | 2,917 | 2,945 | 3,025 |
| Army | 1,083.6 | 1,095.0 | 1,165.3 |
| Air Force | 937.2 | 951.5 | 955.4 |
| Navy | 666.6 | 668.5 | 668.8 |
| Marine Corps | 199.9 | 201.0 | 205.9 |
| Coast Guard | 29.3 | 29.4 | 28.6 |

1/ Data refer to Continental United States only.

2/ Includes all executive agencies (except the Central Intelligence Agency), and Government corporations. Civilian employment in navy yards, arsenals, hospitals, and on force-account construction is also included.

3/ Includes all Federal civilian employment in Washington Standard Metropolitan Area (District of Columbia and adjacent Maryland and Virginia counties).

4/ Data refer to Continental United States and elsewhere.

## Table A-6: Employees in nonagricultural establishments, by industry division and State

(In thousands)

| State | TOTAL | | | Mining | | | Contract construction | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1955 | | 1954 | 1955 | | 1954 | 1955 | | 1954 |
| | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. |
| Alabama | 708.4 | 699.4 | 680.9 | 15.7 | 15.7 | 14.3 | 33.2 | 33.9 | 30.4 |
| Arizona | 230.0 | 225.3 | 216.5 | 14.6 | 14.5 | 13.6 | 19.3 | 19.9 | 19.5 |
| Arkansas | 324.8 | 320.4 | 317.5 | 6.3 | 6.2 | 6.4 | 15.3 | 16.1 | 14.4 |
| California | 4,174.6 | 4,121.2 | 3,978.3 | 34.2 | 34.3 | 35.9 | 257.7 | 267.5 | 258.1 |
| Colorado | 438.5 | 435.4 | 418.9 | 14.6 | 14.7 | 13.6 | 28.1 | 28.8 | 26.0 |
| Connecticut | 904.9 | 885.2 | 871.0 | (1/) | (1/) | (1/) | 46.6 | 47.5 | 40.9 |
| Delaware | - | - | - | - | - | - | - | - | - |
| District of Columbia | 504.4 | 497.0 | 500.4 | (2/) | (2/) | (2/) | 18.5 | 19.1 | 16.2 |
| Florida | 999.3 | 958.1 | 937.8 | 7.4 | 7.4 | 7.2 | 92.0 | 93.4 | 91.1 |
| Georgia | 965.4 | 951.6 | 917.1 | 4.9 | 4.9 | 4.6 | 49.2 | 51.1 | 46.3 |
| Idaho | 137.6 | 138.4 | 134.9 | 4.0 | 3.9 | 4.5 | 8.0 | 8.6 | 7.6 |
| Illinois | 3,446.1 | 3,405.0 | 3,343.7 | 30.8 | 30.8 | 32.0 | 158.3 | 168.4 | 159.8 |
| Indiana | 1,437.5 | 1,427.6 | 1,354.6 | 10.2 | 10.4 | 10.1 | 64.5 | 72.1 | 57.1 |
| Iowa | 649.6 | 645.6 | 635.1 | 3.0 | 3.2 | 3.2 | 27.0 | 31.9 | 29.6 |
| Kansas | 553.4 | 549.8 | 553.6 | 18.7 | 18.5 | 18.5 | 34.0 | 38.5 | 33.2 |
| Kentucky | - | - | - | (3/) | 37.8 | 36.0 | - | - | - |
| Louisiana | 719.7 | 709.4 | 709.0 | 39.6 | 39.0 | 36.4 | 48.0 | 47.6 | 49.4 |
| Maine | 271.2 | 270.3 | 268.3 | .5 | .5 | .6 | 10.6 | 13.4 | 12.7 |
| Maryland | 842.8 | 838.0 | 800.1 | 2.2 | 2.2 | 2.2 | 67.6 | 70.3 | 56.3 |
| Massachusetts | 1,853.1 | 1,826.7 | 1,805.8 | (2/) | (2/) | (2/) | 80.4 | 88.5 | 73.8 |
| Michigan | 2,487.7 | 2,452.4 | 2,376.0 | 15.7 | 15.8 | 16.1 | 102.8 | 110.8 | 111.4 |
| Minnesota | 876.5 | 878.4 | 855.8 | 16.6 | 17.1 | 13.5 | 51.8 | 61.0 | 50.3 |
| Mississippi | 364.9 | 360.6 | 353.9 | 3.2 | 3.2 | 3.3 | 16.9 | 17.6 | 15.5 |
| Missouri | 1,318.4 | 1,287.7 | 1,273.1 | 8.9 | 9.2 | 8.5 | 68.9 | 75.3 | 65.0 |
| Montana | 154.7 | 156.6 | 150.6 | 11.1 | 11.2 | 11.0 | 8.7 | 10.0 | 8.5 |
| Nebraska | 362.4 | 362.2 | 354.0 | 2.5 | 2.8 | 2.2 | 21.8 | 26.4 | 19.9 |
| Nevada | 85.1 | 86.4 | 78.1 | 5.3 | 5.3 | 4.9 | 8.5 | 9.1 | 9.3 |
| New Hampshire | 181.4 | 179.6 | 176.3 | .2 | .2 | .2 | 8.7 | 9.9 | 9.0 |
| New Jersey | 1,887.8 | 1,875.6 | 1,833.0 | 4.0 | 4.1 | 3.9 | 101.0 | 107.2 | 92.2 |
| New Mexico | 185.9 | 184.2 | 177.8 | 14.7 | 15.0 | 13.5 | 14.3 | 15.0 | 14.3 |
| New York | 6,071.2 | 5,990.5 | 5,970.7 | 10.8 | 10.9 | 10.9 | 232.4 | 246.0 | 220.8 |
| North Carolina | 1,067.4 | 1,061.3 | 1,042.2 | 3.9 | 4.0 | 3.9 | 49.2 | 51.5 | 47.5 |
| North Dakota | 113.5 | 115.0 | 112.7 | 1.8 | 1.8 | 1.9 | 5.9 | 8.1 | 7.1 |
| Ohio | 3,159.2 | 3,101.4 | 2,999.8 | 22.1 | 22.2 | 20.9 | 145.2 | 156.9 | 143.4 |
| Oklahoma | 571.1 | 565.3 | 552.0 | 53.4 | 53.6 | 49.0 | 29.7 | 30.5 | 29.6 |
| Oregon | 474.0 | 472.3 | 461.6 | 1.2 | 1.2 | 1.1 | 23.1 | 23.1 | 21.0 |
| Pennsylvania | 3,782.5 | 3,734.8 | 3,681.3 | 96.1 | 96.1 | 105.2 | 177.2 | 194.6 | 170.4 |
| Rhode Island | 307.2 | 303.2 | 302.0 | (2/) | (2/) | (2/) | 16.2 | 17.0 | 16.5 |
| South Carolina | 532.9 | 525.8 | 519.3 | 1.3 | 1.3 | 1.1 | 27.3 | 29.0 | 27.8 |
| South Dakota | 122.1 | 123.0 | 122.4 | 2.4 | 2.4 | 2.4 | 5.8 | 7.4 | 7.7 |
| Tennessee | 858.6 | 846.2 | 843.0 | 9.5 | 9.6 | 9.4 | 48.5 | 51.8 | 56.4 |
| Texas | 2,330.6 | 2,289.5 | 2,253.9 | 122.5 | 122.0 | 121.2 | 156.6 | 157.7 | 151.1 |
| Utah | 231.1 | 229.9 | 218.1 | 15.7 | 15.7 | 13.8 | 14.7 | 16.2 | 12.2 |
| Vermont | 105.3 | 104.0 | 101.0 | 1.4 | 1.4 | 1.4 | 4.6 | 5.0 | 4.0 |
| Virginia 4/ | 957.9 | 946.8 | 908.9 | 17.3 | 17.0 | 13.9 | 61.3 | 64.5 | 54.8 |
| Washington | 759.2 | 764.3 | 745.1 | 2.3 | 2.3 | 2.3 | 42.6 | 44.2 | 46.6 |
| West Virginia | 497.8 | 489.2 | 465.8 | 75.6 | 75.1 | 70.5 | 20.3 | 21.0 | 14.7 |
| Wisconsin | 1,121.8 | 1,110.3 | 1,065.3 | 3.5 | 4.1 | 3.8 | 57.8 | 62.2 | 52.2 |
| Wyoming | 81.5 | 83.1 | 84.1 | 8.3 | 8.2 | 8.8 | 4.7 | 5.7 | 5.8 |

See footnotes at end of table.

## Table A-6: Employees in nonagricultural establishments, by industry division and State - Continued

(In thousands)

| State | Manufacturing | | | Transportation and public utilities | | | Wholesale and retail trade | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1955 | | 1954 | 1955 | | 1954 | 1955 | | 1954 |
| | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. |
| Alabama | 240.4 | 241.2 | 226.6 | 49.6 | 49.2 | 49.0 | 151.0 | 143.6 | 147.8 |
| Arizona | 32.7 | 32.7 | 28.4 | 21.1 | 21.1 | 20.7 | 59.5 | 56.0 | 56.8 |
| Arkansas | 85.7 | 86.2 | 82.1 | 29.6 | 30.1 | 29.3 | 80.9 | 77.2 | 79.4 |
| California | 1,113.7 | 1,130.8 | 1,039.1 | 344.3 | 342.8 | 331.0 | 996.2 | 945.7 | 953.2 |
| Colorado | 69.1 | 70.6 | 65.8 | 45.2 | 45.1 | 42.4 | 118.8 | 116.2 | 113.2 |
| Connecticut | 433.8 | 428.7 | 414.5 | 42.8 | 42.5 | 42.1 | 158.9 | 150.1 | 157.7 |
| Delaware | 60.8 | 60.0 | 54.1 | - | - | - | - | - | - |
| District of Columbia | 16.4 | 16.5 | 16.1 | 28.7 | 28.9 | 29.4 | 94.6 | 89.8 | 96.9 |
| Florida | 144.9 | 141.3 | 138.3 | 83.6 | 82.1 | 79.4 | 306.5 | 283.0 | 288.5 |
| Georgia | 340.1 | 340.2 | 315.9 | 73.3 | 73.0 | 69.6 | 219.3 | 210.0 | 212.8 |
| Idaho | 25.4 | 27.0 | 23.2 | 15.4 | 15.7 | 15.4 | 36.2 | 35.6 | 37.0 |
| Illinois | 1,294.7 | 1,296.0 | 1,213.9 | 300.2 | 299.5 | 292.9 | 748.5 | 718.3 | 746.1 |
| Indiana | 635.5 | 637.6 | 584.3 | 104.2 | 103.4 | 99.0 | 307.3 | 293.4 | 293.9 |
| Iowa | 170.8 | 170.8 | 162.0 | 57.1 | 57.5 | 56.5 | 182.6 | 177.7 | 179.6 |
| Kansas | 123.6 | 122.7 | 134.6 | 64.6 | 64.9 | 63.1 | 139.7 | 135.4 | 135.5 |
| Kentucky | (3/) | 170.9 | 161.7 | (3/) | 57.0 | 56.0 | (3/) | 130.2 | 139.4 |
| Louisiana | 151.1 | 154.2 | 152.9 | 80.4 | 80.8 | 80.0 | 176.0 | 167.6 | 174.9 |
| Maine | 106.7 | 108.0 | 103.3 | 19.8 | 19.7 | 19.5 | 56.1 | 52.9 | 55.7 |
| Maryland | 260.1 | 263.5 | 244.2 | 78.3 | 77.2 | 73.5 | 183.9 | 176.6 | 180.8 |
| Massachusetts | 707.5 | 705.8 | 673.7 | 117.7 | 117.5 | 117.5 | 396.3 | 377.9 | 395.9 |
| Michigan | 1,178.2 | 1,168.4 | 1,098.3 | 155.5 | 154.2 | 142.2 | 492.4 | 468.3 | 480.0 |
| Minnesota | 209.5 | 210.9 | 201.9 | 87.6 | 90.3 | 83.4 | 230.9 | 226.5 | 230.1 |
| Mississippi | 103.9 | 105.1 | 98.1 | 24.0 | 25.1 | 25.0 | 92.2 | 87.8 | 91.0 |
| Missouri | 391.4 | 377.6 | 373.0 | 128.0 | 127.3 | 125.2 | 337.8 | 324.7 | 331.3 |
| Montana | 18.9 | 20.0 | 18.7 | 21.6 | 21.9 | 20.8 | 40.4 | 39.8 | 39.5 |
| Nebraska | 59.5 | 60.3 | 57.7 | 41.4 | 41.8 | 41.5 | 100.2 | 97.9 | 98.5 |
| Nevada | 5.9 | 6.0 | 5.3 | 9.5 | 9.7 | 8.9 | 18.1 | 17.8 | 16.4 |
| New Hampshire | 83.9 | 83.4 | 79.6 | 10.7 | 10.7 | 10.5 | 33.3 | 31.9 | 33.0 |
| New Jersey | 813.0 | 814.4 | 786.1 | 148.9 | 148.2 | 146.2 | 354.1 | 340.5 | 347.7 |
| New Mexico | 17.6 | 18.0 | 16.8 | 18.7 | 18.7 | 17.9 | 44.9 | 42.4 | 41.4 |
| New York | 1,921.7 | 1,932.6 | 1,899.7 | 493.3 | 491.3 | 483.0 | 1,385.2 | 1,318.8 | 1,365.5 |
| North Carolina | 466.8 | 471.3 | 449.8 | 61.2 | 61.2 | 60.6 | 223.7 | 213.1 | 219.6 |
| North Dakota | 6.6 | 6.8 | 6.3 | 13.8 | 14.0 | 13.3 | 38.2 | 37.5 | 38.1 |
| Ohio | 1,375.0 | 1,364.6 | 1,281.6 | 230.9 | 228.9 | 214.5 | 649.6 | 607.3 | 621.8 |
| Oklahoma | 91.6 | 91.7 | 82.5 | 51.2 | 51.1 | 49.1 | 144.6 | 139.2 | 143.6 |
| Oregon | 135.4 | 141.4 | 135.4 | 47.7 | 47.3 | 46.2 | 117.3 | 112.9 | 113.1 |
| Pennsylvania | 1,478.8 | 1,475.9 | 1,429.3 | 320.5 | 320.9 | 306.6 | 735.3 | 716.6 | 745.7 |
| Rhode Island | 137.2 | 137.1 | 134.1 | 15.5 | 15.7 | 15.5 | 59.7 | 55.8 | 59.6 |
| South Carolina | 230.7 | 230.5 | 223.9 | 25.5 | 25.4 | 25.4 | 112.1 | 104.0 | 106.9 |
| South Dakota | 11.9 | 12.2 | 12.0 | 10.0 | 10.0 | 9.9 | 40.0 | 39.1 | 40.0 |
| Tennessee | 288.0 | 288.6 | 274.7 | 59.8 | 59.4 | 57.8 | 202.2 | 190.3 | 196.2 |
| Texas | 447.2 | 447.4 | 426.0 | 228.6 | 226.9 | 222.7 | 648.6 | 619.9 | 625.4 |
| Utah | 33.9 | 34.6 | 31.4 | 22.2 | 22.5 | 21.7 | 56.5 | 53.5 | 53.8 |
| Vermont | 38.6 | 38.4 | 35.5 | 8.3 | 8.3 | 8.1 | 20.1 | 19.5 | 19.8 |
| Virginia 4/ | 252.9 | 255.1 | 246.5 | 86.6 | 86.3 | 80.8 | 229.7 | 216.7 | 216.4 |
| Washington | 197.7 | 207.6 | 190.8 | 64.0 | 63.9 | 60.1 | 184.8 | 180.1 | 181.0 |
| West Virginia | 136.4 | 138.1 | 124.7 | 52.1 | 52.0 | 48.5 | 94.3 | 85.7 | 89.7 |
| Wisconsin | 461.5 | 458.1 | 421.3 | 76.3 | 76.8 | 75.1 | 241.8 | 232.1 | 237.6 |
| Wyoming | 6.6 | 7.0 | 6.8 | 14.8 | 15.0 | 14.9 | 17.0 | 17.3 | 18.2 |

See footnotes at end of table.

## Table A-6: Employees in nonagricultural establishments, by industry division and State - Continued

(In thousands)

| State | Finance, insurance, and real estate | | | Service and miscellaneous | | | Government | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1955 | | 1954 | 1955 | | 1954 | 1955 | | 1954 |
| | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. |
| Alabama | 24.8 | 24.7 | 23.1 | 61.6 | 61.6 | 60.2 | 132.1 | 129.5 | 129.5 |
| Arizona | 8.5 | 8.5 | 7.8 | 28.1 | 27.4 | 26.5 | 46.2 | 45.2 | 43.2 |
| Arkansas | 9.6 | 9.6 | 9.2 | 34.5 | 34.8 | 35.0 | 62.9 | 60.2 | 61.7 |
| California | 190.9 | 188.9 | 178.6 | 527.1 | 527.4 | 503.2 | 710.5 | 683.8 | 679.2 |
| Colorado | 19.2 | 19.2 | 18.0 | 55.1 | 55.2 | 53.0 | 88.4 | 85.6 | 86.9 |
| Connecticut | 45.5 | 45.5 | 44.4 | 89.8 | 90.3 | 87.1 | 87.5 | 80.6 | 84.2 |
| Delaware | - | - | - | - | - | - | 15.7 | 15.0 | 14.4 |
| District of Columbia 5/ | 24.1 | 24.2 | 23.4 | 65.9 | 66.4 | 66.1 | 256.2 | 252.1 | 252.3 |
| Florida | 48.4 | 47.9 | 45.1 | 148.4 | 139.5 | 135.0 | 168.1 | 163.5 | 153.2 |
| Georgia | 36.2 | 36.0 | 33.9 | 89.1 | 89.0 | 86.1 | 153.3 | 147.4 | 147.9 |
| Idaho | 4.5 | 4.5 | 4.3 | 16.5 | 16.3 | 16.1 | 27.6 | 26.8 | 26.8 |
| Illinois | 170.8 | 169.9 | 167.2 | 373.6 | 374.7 | 367.4 | 369.3 | 347.4 | 364.5 |
| Indiana | 48.0 | 47.8 | 45.8 | 106.5 | 107.2 | 103.8 | 161.3 | 155.6 | 160.6 |
| Iowa | 28.4 | 28.4 | 27.6 | 72.0 | 72.3 | 70.5 | 108.9 | 104.0 | 106.2 |
| Kansas | 19.1 | 19.2 | 19.0 | 58.1 | 58.5 | 56.1 | 95.6 | 92.1 | 93.6 |
| Kentucky | (3/) | 19.1 | 18.6 | (3/) | 65.3 | 63.3 | 103.1 | 99.3 | 100.5 |
| Louisiana | 26.1 | 25.9 | 24.2 | 78.3 | 78.0 | 76.0 | 120.2 | 116.3 | 115.2 |
| Maine | 7.7 | 7.7 | 7.4 | 25.4 | 25.5 | 25.5 | 44.4 | 42.6 | 43.6 |
| Maryland 5/ | 38.0 | 37.8 | 36.2 | 86.1 | 88.1 | 83.6 | 126.6 | 122.3 | 123.3 |
| Massachusetts | 90.0 | 89.3 | 87.5 | 214.4 | 216.1 | 215.3 | 246.8 | 231.6 | 242.1 |
| Michigan | 70.6 | 70.1 | 67.2 | 208.7 | 210.0 | 204.1 | 263.9 | 254.7 | 256.7 |
| Minnesota | 41.1 | 41.1 | 40.3 | 105.2 | 105.5 | 104.1 | 133.9 | 126.0 | 132.3 |
| Mississippi | 10.0 | 10.0 | 9.6 | 37.1 | 37.0 | 36.9 | 77.6 | 74.8 | 74.5 |
| Missouri | 62.8 | 62.7 | 60.7 | 153.5 | 153.9 | 146.4 | 167.1 | 157.0 | 163.0 |
| Montana | 5.8 | 5.7 | 5.2 | 19.1 | 19.4 | 19.1 | 29.1 | 28.6 | 27.8 |
| Nebraska | 19.6 | 19.6 | 18.9 | 45.0 | 44.9 | 44.4 | 72.3 | 68.6 | 71.0 |
| Nevada | 2.2 | 2.2 | 2.0 | 21.5 | 22.6 | 17.7 | 14.1 | 13.7 | 13.6 |
| New Hampshire | 5.6 | 5.6 | 5.5 | 18.1 | 18.2 | 17.8 | 20.9 | 19.8 | 20.7 |
| New Jersey | 76.5 | 76.6 | 75.3 | 181.2 | 182.7 | 176.3 | 209.1 | 201.9 | 205.3 |
| New Mexico | 5.8 | 5.8 | 5.9 | 22.6 | 22.8 | 21.9 | 47.3 | 46.5 | 46.1 |
| New York | 429.3 | 430.0 | 421.7 | 797.5 | 802.0 | 790.4 | 800.9 | 759.0 | 778.9 |
| North Carolina | 32.0 | 31.9 | 30.0 | 92.1 | 92.6 | 91.2 | 138.5 | 135.7 | 139.6 |
| North Dakota | 4.8 | 4.8 | 4.7 | 15.1 | 15.1 | 14.5 | 27.3 | 27.0 | 26.9 |
| Ohio | 97.7 | 98.2 | 93.8 | 276.4 | 276.4 | 271.8 | 362.3 | 347.0 | 352.1 |
| Oklahoma | 21.8 | 21.7 | 20.2 | 60.1 | 61.2 | 58.4 | 118.7 | 116.3 | 119.6 |
| Oregon | 17.0 | 17.1 | 17.0 | 54.3 | 54.3 | 52.2 | 78.0 | 75.0 | 75.6 |
| Pennsylvania | 131.9 | 131.7 | 130.5 | 399.4 | 401.0 | 384.9 | 423.3 | 398.1 | 408.6 |
| Rhode Island | 12.3 | 12.2 | 12.2 | 29.3 | 30.1 | 28.0 | 37.0 | 35.4 | 36.1 |
| South Carolina | 14.1 | 14.1 | 13.0 | 39.9 | 39.7 | 39.9 | 82.0 | 81.8 | 81.3 |
| South Dakota | 4.8 | 4.8 | 5.1 | 16.1 | 16.3 | 15.5 | 31.2 | 31.0 | 30.1 |
| Tennessee | 29.3 | 29.2 | 28.6 | 87.9 | 87.9 | 86.8 | 133.4 | 129.4 | 133.1 |
| Texas | 102.5 | 101.9 | 98.7 | 267.9 | 268.8 | 262.0 | 356.7 | 344.9 | 346.8 |
| Utah | 9.3 | 9.3 | 8.4 | 24.3 | 24.3 | 22.9 | 54.5 | 53.8 | 53.9 |
| Vermont | 3.2 | 3.2 | 3.1 | 12.1 | 12.0 | 11.9 | 16.9 | 16.2 | 17.1 |
| Virginia 4/5/ | 42.2 | 42.2 | 36.9 | 94.6 | 95.5 | 89.6 | 173.3 | 169.5 | 170.0 |
| Washington | 33.9 | 34.2 | 31.3 | 82.9 | 83.7 | 81.5 | 151.0 | 148.3 | 151.5 |
| West Virginia | 11.5 | 11.4 | 11.4 | 42.1 | 42.9 | 42.2 | 65.5 | 63.0 | 64.1 |
| Wisconsin | 38.8 | 38.7 | 37.6 | 106.9 | 108.6 | 105.9 | 135.1 | 129.7 | 131.9 |
| Wyoming | 2.3 | 2.4 | 2.2 | 9.5 | 9.8 | 9.7 | 18.3 | 17.7 | 17.7 |

1/ Mining combined with construction. 2/ Mining combined with service. 3/ Not available. 4/ Revised series; not strictly comparable with previously published data. 5/ Federal employment in Maryland and Virginia portions of Washington, D. C., Metropolitan area included in data for District of Columbia.

## Table A-7: Employees in nonagricultural establishments for selected areas, by industry division

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| **ALABAMA** | | | |
| Birmingham | | | |
| Total | 202.6 | 199.0 | 189.7 |
| Mining | 11.0 | 11.0 | 9.9 |
| Contract construction | 11.1 | 11.5 | 9.4 |
| Manufacturing | 66.1 | 65.4 | 59.3 |
| Trans. and pub. util. | 16.5 | 16.5 | 16.1 |
| Trade | 48.5 | 45.8 | 46.8 |
| Finance | 11.1 | 11.1 | 10.7 |
| Service | 20.4 | 20.4 | 20.2 |
| Government | 18.0 | 17.5 | 17.4 |
| Mobile | | | |
| Total | 83.4 | 83.2 | 81.5 |
| Contract construction | 4.4 | 4.5 | 4.4 |
| Manufacturing | 16.5 | 17.4 | 16.9 |
| Trans. and pub. util. | 10.1 | 9.9 | 10.2 |
| Trade | 18.7 | 17.9 | 18.3 |
| Finance | 3.3 | 3.3 | 3.0 |
| Service 1/ | 8.5 | 8.5 | 8.3 |
| Government | 22.0 | 21.9 | 20.5 |
| **ARIZONA** | | | |
| Phoenix | | | |
| Total | 114.7 | 111.2 | 107.2 |
| Mining | .2 | .2 | .2 |
| Contract construction | 10.5 | 10.6 | 10.8 |
| Manufacturing | 18.3 | 18.1 | 16.5 |
| Trans. and pub. util. | 10.0 | 10.0 | 9.5 |
| Trade | 34.6 | 32.4 | 32.2 |
| Finance | 5.9 | 5.8 | 5.3 |
| Service | 14.4 | 13.9 | 13.3 |
| Government | 20.8 | 20.2 | 19.4 |
| Tucson | | | |
| Total | 49.6 | 48.2 | 44.7 |
| Mining | 2.0 | 2.0 | 1.8 |
| Contract construction | 4.6 | 4.5 | 4.1 |
| Manufacturing | 8.2 | 8.1 | 5.7 |
| Trans. and pub. util. | 5.0 | 4.9 | 4.9 |
| Trade | 11.7 | 11.0 | 11.2 |
| Finance | 1.5 | 1.6 | 1.4 |
| Service | 7.4 | 7.1 | 7.0 |
| Government | 9.2 | 9.0 | 8.6 |
| **ARKANSAS** | | | |
| Little Rock-N. Little Rock | | | |
| Total | 71.8 | 70.9 | 69.3 |
| Contract construction | 5.5 | 6.1 | 5.2 |
| Manufacturing | 12.6 | 12.5 | 11.7 |
| Trans. and pub. util. | 7.9 | 7.9 | 7.8 |
| Trade | 18.9 | 17.9 | 18.6 |
| Finance | 4.6 | 4.5 | 4.3 |
| Service 1/ | 9.6 | 9.6 | 9.5 |
| Government | 12.9 | 12.6 | 12.3 |

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| **CALIFORNIA** | | | |
| Fresno | | | |
| Manufacturing | 14.1 | 15.0 | 13.6 |
| Los Angeles-Long Beach | | | |
| Total | 2,029.5 | 1,989.7 | 1,935.6 |
| Mining | 13.3 | 13.3 | 14.5 |
| Contract construction | 112.4 | 115.3 | 123.0 |
| Manufacturing | 706.5 | 706.5 | 654.3 |
| Trans. and pub. util. | 131.3 | 129.0 | 123.3 |
| Trade | 474.4 | 442.7 | 458.6 |
| Finance | 92.2 | 92.1 | 87.7 |
| Service | 268.7 | 268.7 | 255.3 |
| Government | 230.7 | 222.1 | 218.9 |
| Sacramento | | | |
| Manufacturing | 11.9 | 11.9 | 10.0 |
| San Bernardino-Riverside-Ontario | | | |
| Manufacturing | 27.1 | 27.7 | 25.0 |
| San Diego | | | |
| Total | 193.5 | 188.7 | 184.1 |
| Mining | .2 | .2 | .2 |
| Contract construction | 12.2 | 12.3 | 12.3 |
| Manufacturing | 49.2 | 48.1 | 45.2 |
| Trans. and pub. util. | 10.9 | 10.9 | 10.9 |
| Trade | 46.0 | 42.3 | 44.2 |
| Finance | 7.6 | 7.5 | 6.8 |
| Service | 23.5 | 23.7 | 22.8 |
| Government | 43.9 | 43.7 | 41.7 |
| San Francisco-Oakland | | | |
| Total | 913.3 | 902.7 | 889.4 |
| Mining | 1.3 | 1.3 | 1.3 |
| Contract construction | 60.1 | 63.7 | 58.7 |
| Manufacturing | 183.3 | 186.9 | 178.5 |
| Trans. and pub. util. | 101.1 | 100.7 | 99.3 |
| Trade | 219.6 | 208.0 | 210.3 |
| Finance | 57.3 | 57.0 | 55.2 |
| Service | 111.6 | 112.6 | 109.6 |
| Government | 179.0 | 172.5 | 176.5 |
| San Jose | | | |
| Total | 112.8 | 115.1 | 98.4 |
| Mining | .1 | .1 | .1 |
| Contract construction | 9.7 | 10.5 | 9.1 |
| Manufacturing | 30.3 | 33.4 | 24.9 |
| Trans. and pub. util. | 7.9 | 8.0 | 6.9 |
| Trade | 25.5 | 24.3 | 23.1 |
| Finance | 5.4 | 5.3 | 4.0 |
| Service | 16.0 | 16.2 | 14.7 |
| Government | 17.9 | 17.3 | 15.6 |
| Stockton | | | |
| Manufacturing | 10.5 | 12.0 | 10.4 |

See footnotes at end of table.

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## Table A-7: Employees in nonagricultural establishments for selected areas, by industry division - Continued

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| COLORADO | | | |
| Denver | | | |
| Total | 250.4 | 249.5 | 239.7 |
| Mining | 2.2 | 2.2 | 1.9 |
| Contract construction | 18.1 | 18.7 | 16.5 |
| Manufacturing | 43.5 | 44.2 | 41.2 |
| Trans. and pub. util. | 28.4 | 28.6 | 26.2 |
| Trade | 70.4 | 69.8 | 69.4 |
| Finance | 13.5 | 13.5 | 12.7 |
| Service | 33.6 | 33.3 | 31.8 |
| Government | 40.7 | 39.2 | 40.0 |
| CONNECTICUT | | | |
| Bridgeport | | | |
| Total | 124.8 | 121.1 | 117.6 |
| Contract construction 1/ | 5.5 | 5.7 | 5.4 |
| Manufacturing | 71.8 | 70.4 | 65.0 |
| Trans. and pub. util. | 5.7 | 5.7 | 5.6 |
| Trade | 20.8 | 19.5 | 20.6 |
| Finance | 2.6 | 2.6 | 2.6 |
| Service | 9.6 | 9.7 | 9.6 |
| Government | 8.8 | 7.6 | 8.7 |
| Hartford | | | |
| Total | 204.1 | 200.2 | 204.5 |
| Contract construction 1/ | 9.2 | 9.6 | 9.3 |
| Manufacturing | 75.3 | 74.8 | 75.8 |
| Trans. and pub. util. | 7.8 | 7.8 | 7.7 |
| Trade | 44.2 | 41.2 | 44.2 |
| Finance | 27.4 | 28.0 | 27.4 |
| Service | 20.8 | 21.2 | 20.9 |
| Government | 19.4 | 17.7 | 19.3 |
| New Britain | | | |
| Total | 45.0 | 43.8 | 41.0 |
| Contract construction 1/ | 1.2 | 1.3 | 1.2 |
| Manufacturing | 29.3 | 29.0 | 25.9 |
| Trans. and pub. util. | 2.0 | 2.1 | 2.0 |
| Trade | 6.2 | 5.5 | 6.1 |
| Finance | .7 | .7 | .7 |
| Service | 2.8 | 2.8 | 2.7 |
| Government | 2.8 | 2.5 | 2.4 |
| New Haven | | | |
| Total | 122.2 | 120.3 | 121.9 |
| Contract construction 1/ | 5.8 | 6.2 | 5.9 |
| Manufacturing | 45.8 | 45.9 | 46.7 |
| Trans. and pub. util. | 12.1 | 12.2 | 11.8 |
| Trade | 24.4 | 23.6 | 23.8 |
| Finance | 6.3 | 6.3 | 6.1 |
| Service | 17.2 | 17.3 | 17.3 |
| Government | 10.5 | 8.9 | 10.3 |
| Stamford | | | |
| Total | 50.1 | 49.4 | 50.5 |
| Contract construction 1/ | 3.8 | 3.9 | 3.6 |
| Manufacturing | 19.7 | 19.7 | 20.7 |
| Trans. and pub. util. | 2.8 | 2.8 | 2.8 |
| Trade | 10.8 | 10.1 | 10.9 |
| Finance | 1.8 | 1.8 | 1.6 |
| Stamford-continued | | | |
| Service | 7.3 | 7.5 | 7.1 |
| Government | 3.9 | 3.7 | 3.7 |
| Waterbury | | | |
| Total | 70.0 | 68.9 | 68.6 |
| Contract construction 1/ | 2.1 | 2.3 | 2.0 |
| Manufacturing | 43.9 | 43.7 | 42.9 |
| Trans. and pub. util. | 2.6 | 2.6 | 2.6 |
| Trade | 10.0 | 9.6 | 10.2 |
| Finance | 1.3 | 1.4 | 1.3 |
| Service | 4.4 | 4.4 | 4.2 |
| Government | 5.5 | 5.0 | 5.4 |
| DELAWARE | | | |
| Wilmington | | | |
| Manufacturing | 58.6 | 57.9 | 51.7 |
| DISTRICT OF COLUMBIA | | | |
| Washington | | | |
| Total | 648.7 | 641.6 | 633.3 |
| Contract construction | 45.7 | 47.3 | 38.4 |
| Manufacturing | 26.5 | 26.6 | 26.2 |
| Trans. and pub. util. | 42.4 | 42.8 | 42.4 |
| Trade | 137.8 | 131.4 | 137.5 |
| Finance | 34.7 | 34.8 | 32.8 |
| Service 1/ | 87.9 | 89.3 | 87.0 |
| Government | 273.7 | 269.4 | 269.0 |
| FLORIDA | | | |
| Jacksonville | | | |
| Total | 123.8 | 121.7 | 120.0 |
| Contract construction | 9.2 | 9.2 | 9.9 |
| Manufacturing | 19.0 | 19.5 | 19.1 |
| Trans. and pub. util. | 15.0 | 14.0 | 14.5 |
| Trade | 37.1 | 36.0 | 35.6 |
| Finance | 10.2 | 10.2 | 9.7 |
| Service 1/ | 14.5 | 14.4 | 13.6 |
| Government | 19.0 | 18.5 | 17.7 |
| Miami | | | |
| Total | 247.1 | 238.7 | 228.9 |
| Contract construction | 24.2 | 25.9 | 25.5 |
| Manufacturing | 30.1 | 29.6 | 26.5 |
| Trans. and pub. util. | 30.8 | 30.2 | 29.2 |
| Trade | 75.5 | 71.1 | 69.8 |
| Finance | 13.9 | 13.7 | 12.5 |
| Service 1/ | 47.3 | 44.0 | 43.0 |
| Government | 25.4 | 24.4 | 22.6 |
| Tampa-St. Petersburg | | | |
| Total | 144.3 | 139.2 | 137.6 |
| Contract construction | 13.9 | 13.6 | 13.2 |
| Manufacturing | 25.9 | 25.9 | 25.7 |
| Trans. and pub. util. | 11.3 | 11.0 | 10.8 |
| Trade | 49.5 | 46.4 | 46.5 |
| Finance | 6.9 | 6.8 | 6.1 |
| Service 1/ | 18.6 | 18.1 | 17.8 |
| Government | 18.3 | 17.5 | 17.6 |

See footnotes at end of table.

# Table A-7: Employees in nonagricultural establishments for selected areas, by industry division

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| GEORGIA | | | |
| Atlanta | | | |
| Total | 332.8 | 330.3 | 311.6 |
| Contract construction | 19.3 | 20.3 | 17.6 |
| Manufacturing | 90.8 | 91.2 | 80.7 |
| Trans. and pub. util. | 34.2 | 34.1 | 32.0 |
| Trade | 89.1 | 87.0 | 86.6 |
| Finance | 22.3 | 22.2 | 20.7 |
| Service 1/ | 40.0 | 39.9 | 38.5 |
| Government | 37.1 | 35.6 | 35.5 |
| Savannah | | | |
| Total | 53.7 | 52.4 | 51.8 |
| Contract construction | 2.5 | 2.6 | 2.7 |
| Manufacturing | 15.3 | 15.2 | 14.2 |
| Trans. and pub. util. | 6.8 | 6.6 | 6.6 |
| Trade | 14.0 | 13.0 | 13.5 |
| Finance | 1.5 | 1.5 | 1.6 |
| Service 1/ | 6.7 | 6.7 | 6.6 |
| Government | 6.9 | 6.8 | 6.6 |
| IDAHO | | | |
| Boise | | | |
| Total | 20.6 | 20.5 | 20.5 |
| Contract construction | 1.4 | 1.6 | 1.5 |
| Manufacturing | 1.7 | 1.7 | 1.7 |
| Trans. and pub. util. | 2.3 | 2.2 | 2.2 |
| Trade | 6.5 | 6.4 | 6.7 |
| Finance | 1.3 | 1.3 | 1.2 |
| Service | 3.1 | 3.1 | 3.0 |
| Government | 4.3 | 4.2 | 4.2 |
| ILLINOIS | | | |
| Chicago | | | |
| Total | 2,596.5 | 2,563.0 | 2,512.4 |
| Mining | 3.6 | 3.6 | 3.7 |
| Contract construction | 108.8 | 114.0 | 104.0 |
| Manufacturing | 1,035.3 | 1,036.4 | 973.9 |
| Trans. and pub. util. | 221.7 | 220.8 | 215.0 |
| Trade | 553.8 | 533.1 | 552.5 |
| Finance | 141.3 | 140.1 | 139.5 |
| Service | 288.7 | 288.7 | 282.8 |
| Government | 243.5 | 226.4 | 241.1 |
| INDIANA | | | |
| Evansville | | | |
| Total | 66.5 | 68.0 | 67.4 |
| Contract construction | 3.2 | 3.6 | 3.2 |
| Manufacturing | 30.6 | 32.3 | 32.0 |
| Trans. and pub. util. | 4.6 | 4.6 | 4.7 |
| Trade | 14.4 | 13.9 | 14.2 |
| Finance | 2.0 | 2.0 | 1.9 |
| Service 2/ | 11.7 | 11.6 | 11.4 |
| Fort Wayne | | | |
| Total | 81.3 | 80.5 | 78.5 |
| Contract construction | 2.8 | 3.1 | 3.1 |
| Manufacturing | 38.1 | 37.7 | 34.7 |
| Trans. and pub. util. | 7.3 | 7.3 | 7.1 |
| Fort Wayne-continued | | | |
| Trade | 18.3 | 17.7 | 18.7 |
| Finance | 3.5 | 3.5 | 3.4 |
| Service 2/ | 11.3 | 11.2 | 11.5 |
| Indianapolis | | | |
| Total | 287.1 | 285.5 | 272.3 |
| Contract construction | 9.9 | 10.5 | 8.4 |
| Manufacturing | 113.2 | 112.9 | 102.0 |
| Trans. and pub. util. | 22.5 | 22.3 | 20.3 |
| Trade | 66.6 | 65.2 | 66.5 |
| Finance | 16.0 | 16.0 | 15.4 |
| Other nonmanufacturing | 58.9 | 58.6 | 59.7 |
| South Bend | | | |
| Total | (3/) | 85.7 | 84.8 |
| Manufacturing | (3/) | 44.4 | 43.7 |
| Trade | (3/) | 15.5 | 16.6 |
| Other nonmanufacturing | (3/) | 25.8 | 24.5 |
| IOWA | | | |
| Des Moines | | | |
| Total | 98.5 | 97.5 | 94.6 |
| Contract construction | 5.5 | 5.8 | 5.3 |
| Manufacturing | 24.0 | 23.8 | 22.3 |
| Trans. and pub. util. | 7.8 | 7.7 | 7.3 |
| Trade | 27.3 | 26.5 | 26.7 |
| Finance | 10.0 | 10.0 | 9.8 |
| Service 1/ | 12.1 | 12.3 | 11.9 |
| Government | 11.9 | 11.5 | 11.4 |
| KANSAS | | | |
| Topeka | | | |
| Total | 47.1 | 47.2 | 46.1 |
| Mining | .2 | .2 | .1 |
| Contract construction | 3.3 | 3.7 | 2.7 |
| Manufacturing | 5.9 | 6.0 | 6.1 |
| Trans. and pub. util. | 7.6 | 7.7 | 7.4 |
| Trade | 9.9 | 9.6 | 9.8 |
| Finance | 2.4 | 2.4 | 2.3 |
| Service | 5.9 | 5.9 | 5.6 |
| Government | 12.2 | 12.0 | 12.3 |
| Wichita | | | |
| Total | 122.0 | 119.9 | 126.0 |
| Mining | 1.7 | 1.7 | 1.6 |
| Contract construction | 7.0 | 7.9 | 7.6 |
| Manufacturing | 51.0 | 49.7 | 55.6 |
| Trans. and pub. util. | 7.5 | 7.5 | 7.4 |
| Trade | 27.6 | 26.7 | 27.5 |
| Finance | 4.5 | 4.5 | 4.9 |
| Service | 11.8 | 11.8 | 11.5 |
| Government | 11.0 | 10.3 | 10.1 |
| KENTUCKY | | | |
| Louisville | | | |
| Total | (3/) | 248.4 | 239.3 |
| Contract construction | (3/) | 13.7 | 13.7 |
| Manufacturing | (3/) | 101.2 | 91.3 |
| Trans. and pub. util. | (3/) | 22.9 | 22.1 |

See footnotes at end of table.

## Table A-7: Employees in nonagricultural establishments for selected areas, by industry division - Continued

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| KENTUCKY - continued | | | |
| Louisville - continued | | | |
| Trade | (3/) | 53.5 | 55.1 |
| Finance | (3/) | 9.8 | 9.6 |
| Service 1/ | (3/) | 24.5 | 23.2 |
| Government | (3/) | 22.8 | 24.3 |
| LOUISIANA | | | |
| Baton Rouge | | | |
| Contract construction | 5.6 | 5.4 | 5.6 |
| Manufacturing | 19.1 | 19.1 | 18.8 |
| Trade | 13.4 | 12.6 | 12.7 |
| Finance | 2.2 | 2.2 | 2.0 |
| New Orleans | | | |
| Total | 274.9 | 272.0 | 270.1 |
| Mining | 5.3 | 5.3 | 5.1 |
| Contract construction | 20.7 | 20.8 | 20.2 |
| Manufacturing | 50.3 | 51.0 | 50.4 |
| Trans. and pub. util. | 42.5 | 42.9 | 42.1 |
| Trade | 71.9 | 69.5 | 70.1 |
| Finance | 13.3 | 13.3 | 12.7 |
| Service | 36.7 | 36.1 | 36.2 |
| Government | 34.4 | 33.3 | 33.5 |
| MAINE | | | |
| Lewiston | | | |
| Total | 28.6 | 28.2 | 27.8 |
| Contract construction | 1.2 | 1.3 | 1.2 |
| Manufacturing | 15.5 | 15.3 | 14.9 |
| Trans. and pub. util. | 1.1 | 1.1 | 1.1 |
| Trade | 5.6 | 5.3 | 5.5 |
| Finance | .6 | .6 | .6 |
| Service 1/ | 3.5 | 3.5 | 3.4 |
| Government | 1.1 | 1.1 | 1.1 |
| Portland | | | |
| Total | 52.8 | 52.7 | 52.5 |
| Contract construction | 3.2 | 3.5 | 3.8 |
| Manufacturing | 13.2 | 13.8 | 13.1 |
| Trans. and pub. util. | 6.3 | 6.2 | 6.1 |
| Trade | 15.4 | 14.6 | 15.1 |
| Finance | 3.3 | 3.3 | 3.2 |
| Service 1/ | 7.8 | 7.8 | 7.7 |
| Government | 3.6 | 3.5 | 3.5 |
| MARYLAND | | | |
| Baltimore | | | |
| Total | 591.6 | 583.2 | 558.3 |
| Mining | .8 | .8 | .8 |
| Contract construction | 42.6 | 43.4 | 35.1 |
| Manufacturing | 198.5 | 199.1 | 184.0 |
| Trans. and pub. util. | 60.1 | 59.1 | 56.1 |
| Trade | 124.4 | 119.0 | 123.2 |
| Finance | 29.1 | 29.0 | 28.0 |
| Service | 61.3 | 62.3 | 60.0 |
| Government | 74.8 | 70.5 | 71.1 |

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| MASSACHUSETTS | | | |
| Boston | | | |
| Total | 994.5 | 972.3 | 974.9 |
| Contract construction | 46.8 | 50.4 | 39.9 |
| Manufacturing | 288.7 | 287.4 | 278.0 |
| Trans. and pub. util. | 78.5 | 78.7 | 78.2 |
| Trade | 236.7 | 225.3 | 239.7 |
| Finance | 65.8 | 65.3 | 64.6 |
| Service 1/ | 129.5 | 130.2 | 127.7 |
| Government | 148.5 | 135.0 | 146.8 |
| Fall River | | | |
| Total | 49.8 | 49.0 | 47.8 |
| Manufacturing | 29.1 | 28.9 | 26.8 |
| Trans. and pub. util. | 2.6 | 2.6 | 2.5 |
| Trade | 8.4 | 7.9 | 8.7 |
| Government | 5.2 | 5.0 | 5.2 |
| Other nonmanufacturing | 4.5 | 4.6 | 4.6 |
| New Bedford | | | |
| Total | 51.0 | 50.9 | 50.0 |
| Contract construction | 1.7 | 1.8 | 1.6 |
| Manufacturing | 27.5 | 28.6 | 26.8 |
| Trans. and pub. util. | 2.3 | 2.1 | 2.2 |
| Trade | 9.5 | 8.9 | 9.1 |
| Government | 4.0 | 3.5 | 4.2 |
| Other nonmanufacturing | 6.0 | 6.0 | 6.1 |
| Springfield-Holyoke | | | |
| Total | 160.3 | 158.8 | 155.6 |
| Contract construction | 5.7 | 6.5 | 5.0 |
| Manufacturing | 71.5 | 71.3 | 67.3 |
| Trans. and pub. util. | 8.7 | 8.7 | 8.6 |
| Trade | 32.8 | 31.2 | 32.1 |
| Finance | 6.6 | 6.6 | 6.4 |
| Service 1/ | 15.3 | 15.2 | 15.2 |
| Government | 19.7 | 19.3 | 21.0 |
| Worcester | | | |
| Total | 106.4 | 104.2 | 102.6 |
| Contract construction | 3.2 | 3.4 | 3.1 |
| Manufacturing | 50.4 | 50.1 | 46.8 |
| Trans. and pub. util. | 5.3 | 5.2 | 5.2 |
| Trade | 21.5 | 20.2 | 21.9 |
| Finance | 4.2 | 4.2 | 4.0 |
| Service 1/ | 9.6 | 9.6 | 9.6 |
| Government | 12.2 | 11.5 | 12.0 |
| MICHIGAN | | | |
| Detroit | | | |
| Total | 1,369.6 | 1,354.3 | 1,315.7 |
| Mining | .9 | 1.0 | .9 |
| Contract construction | 63.0 | 67.3 | 67.5 |
| Manufacturing | 658.8 | 658.1 | 625.7 |
| Trans. and pub. util. | 86.3 | 85.0 | 76.5 |
| Trade | 265.8 | 251.9 | 259.4 |
| Finance | 45.5 | 45.4 | 43.7 |
| Service | 128.9 | 129.5 | 125.0 |
| Government | 120.4 | 116.2 | 117.1 |

See footnotes at end of table.

## Table A-7: Employees in nonagricultural establishments for selected areas, by industry division

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| MICHIGAN - continued | | | |
| Flint | | | |
| Manufacturing | 93.3 | 91.4 | 82.8 |
| Grand Rapids | | | |
| Manufacturing | 52.9 | 52.3 | 54.4 |
| Lansing | | | |
| Manufacturing | 33.4 | 33.2 | 29.9 |
| Muskegon | | | |
| Manufacturing | 27.6 | 26.8 | 25.7 |
| Saginaw | | | |
| Manufacturing | 30.0 | 29.2 | 27.2 |
| MINNESOTA | | | |
| Duluth | | | |
| Total | 42.2 | 44.2 | 40.7 |
| Contract construction | 2.7 | 2.9 | 2.6 |
| Manufacturing | 10.0 | 10.3 | 8.9 |
| Trans. and pub. util. | 6.0 | 7.9 | 5.8 |
| Trade | 10.9 | 10.8 | 11.2 |
| Finance | 1.9 | 1.9 | 1.8 |
| Service 1/ | 6.3 | 6.3 | 6.1 |
| Government | 4.4 | 4.1 | 4.3 |
| Minneapolis-St. Paul | | | |
| Total | 498.8 | 493.6 | 490.2 |
| Contract construction | 30.4 | 33.9 | 28.5 |
| Manufacturing | 140.2 | 140.2 | 136.1 |
| Trans. and pub. util. | 51.5 | 51.5 | 51.5 |
| Trade | 126.2 | 122.3 | 127.5 |
| Finance | 32.5 | 32.5 | 31.7 |
| Service 1/ | 56.7 | 56.8 | 54.9 |
| Government | 61.2 | 56.4 | 59.9 |
| MISSISSIPPI | | | |
| Jackson | | | |
| Total | 54.8 | 54.3 | (3/) |
| Mining | .7 | .7 | (3/) |
| Contract construction | 4.6 | 4.7 | (3/) |
| Manufacturing | 10.2 | 10.2 | 9.1 |
| Trans. and pub. util. | 4.5 | 4.5 | (3/) |
| Trade | 14.9 | 14.5 | (3/) |
| Finance | 3.5 | 3.5 | (3/) |
| Service | 6.8 | 6.8 | (3/) |
| Government | 9.8 | 9.6 | (3/) |
| MISSOURI | | | |
| Kansas City | | | |
| Total | 349.9 | 347.4 | 364.9 |
| Mining | .8 | .8 | .9 |
| Contract construction | 16.4 | 18.3 | 18.9 |
| Manufacturing | 96.6 | 96.9 | 108.1 |
| Trans. and pub. util. | 44.9 | 45.0 | 45.2 |
| Trade | 97.8 | 95.1 | 99.2 |
| Finance | 20.4 | 20.3 | 20.2 |
| Service | 40.1 | 40.1 | 39.6 |
| Government | 32.9 | 30.9 | 32.8 |
| St. Louis | | | |
| Total | 718.8 | 709.5 | 707.5 |
| Mining | 3.0 | 3.0 | 3.1 |
| Contract construction | 33.8 | 36.3 | 39.5 |
| Manufacturing | 272.1 | 271.1 | 259.1 |
| Trans. and pub. util. | 69.1 | 68.7 | 66.1 |
| Trade | 157.2 | 152.4 | 158.3 |
| Finance | 31.9 | 34.1 | 33.5 |
| Service | 82.0 | 82.1 | 78.4 |
| Government | 69.7 | 61.8 | 69.5 |
| MONTANA | | | |
| Great Falls | | | |
| Total | 18.3 | 18.3 | 17.9 |
| Contract construction | 1.3 | 1.6 | 1.2 |
| Manufacturing | 2.7 | 2.7 | 2.7 |
| Trans. and pub. util. | 2.5 | 2.5 | 2.4 |
| Trade | 6.1 | 6.0 | 6.0 |
| Service 4/ | 3.4 | 3.3 | 3.3 |
| Government | 2.3 | 2.2 | 2.3 |
| NEBRASKA | | | |
| Omaha | | | |
| Total 5/ | 149.2 | 149.3 | 147.0 |
| Contract construction | 7.1 | 7.9 | 7.3 |
| Manufacturing | 33.0 | 33.2 | 31.6 |
| Trans. and pub. util 5/ | 24.0 | 24.2 | 23.8 |
| Trade | 38.7 | 37.7 | 38.6 |
| Finance | 11.8 | 11.8 | 11.4 |
| Service 1/ | 19.7 | 19.7 | 19.2 |
| Government | 15.1 | 15.0 | 15.2 |
| NEVADA | | | |
| Reno | | | |
| Total | 24.8 | 24.7 | 23.3 |
| Contract construction | 2.2 | 2.2 | 2.0 |
| Manufacturing 1/ | 1.9 | 2.0 | 2.0 |
| Trans. and pub. util. | 3.4 | 3.5 | 3.3 |
| Trade | 6.3 | 6.0 | 5.9 |
| Finance | 1.0 | .9 | .8 |
| Service | 6.2 | 6.5 | 5.8 |
| Government | 3.8 | 3.6 | 3.5 |
| NEW HAMPSHIRE | | | |
| Manchester | | | |
| Total | 42.3 | 41.7 | 41.0 |
| Contract construction | 1.9 | 2.1 | 1.9 |
| Manufacturing | 20.2 | 20.1 | 19.4 |
| Trans. and pub. util. | 2.7 | 2.7 | 2.6 |
| Trade | 8.2 | 7.9 | 8.0 |
| Finance | 1.9 | 1.9 | 1.9 |
| Service | 4.3 | 4.3 | 4.2 |
| Government | 3.1 | 2.8 | 3.1 |
| NEW JERSEY | | | |
| Newark-Jersey City 6/ | | | |
| Total | 819.5 | 811.1 | 807.9 |
| Mining | .2 | .2 | .2 |
| Contract construction | 33.2 | 34.5 | 28.6 |
| Manufacturing | 352.7 | 354.3 | 344.1 |

See footnotes at end of table.

## Table A-7: Employees in nonagricultural establishments for selected areas, by industry division - Continued

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| NEW JERSEY - continued | | | |
| Newark-Jersey City con. 6/ | | | |
| Trans. and pub. util.. | 79.5 | 78.8 | 78.1 |
| Trade..... | 152.5 | 145.0 | 155.2 |
| Finance..... | 44.6 | 44.6 | 45.5 |
| Service..... | 78.4 | 78.4 | 76.0 |
| Government..... | 78.4 | 75.3 | 80.2 |
| Paterson 6/ | | | |
| Total..... | 377.7 | 374.2 | 364.8 |
| Mining..... | 2.0 | 2.0 | 1.5 |
| Contract construction. | 20.8 | 22.6 | 20.9 |
| Manufacturing..... | 178.4 | 177.7 | 170.8 |
| Trans. and pub. util.. | 22.6 | 22.4 | 22.3 |
| Trade..... | 67.2 | 64.2 | 66.3 |
| Finance..... | 12.0 | 12.1 | 11.5 |
| Service..... | 34.9 | 35.0 | 33.1 |
| Government..... | 39.8 | 38.2 | 38.4 |
| Perth Amboy 5/ 6/ | | | |
| Manufacturing..... | 81.2 | 80.9 | 79.8 |
| Trenton | | | |
| Manufacturing..... | 40.9 | 41.2 | 38.0 |
| NEW MEXICO | | | |
| Albuquerque | | | |
| Total..... | 59.5 | 59.1 | 55.2 |
| Contract construction. | 5.6 | 6.0 | 4.9 |
| Manufacturing..... | 9.7 | 9.8 | 9.1 |
| Trans. and pub. util.. | 5.1 | 5.2 | 4.8 |
| Trade..... | 16.3 | 15.4 | 14.8 |
| Finance..... | 3.4 | 3.4 | 3.3 |
| Service 1/..... | 7.4 | 7.5 | 7.2 |
| Government..... | 12.0 | 11.8 | 11.1 |
| NEW YORK | | | |
| Albany-Schenectady-Troy | | | |
| Total..... | 208.5 | 206.7 | 207.4 |
| Contract construction. | 6.3 | 6.7 | 6.6 |
| Manufacturing..... | 77.8 | 77.6 | 75.8 |
| Trans. and pub. util.. | 15.8 | 16.1 | 16.6 |
| Trade..... | 42.1 | 41.0 | 42.2 |
| Government..... | 38.2 | 36.9 | 38.3 |
| Other nonmanufacturing | 28.3 | 28.4 | 27.9 |
| Binghamton | | | |
| Total..... | 76.8 | 75.7 | 76.9 |
| Contract construction. | 2.3 | 2.9 | 2.6 |
| Manufacturing..... | 41.0 | 40.7 | 40.7 |
| Trans. and pub. util.. | 3.9 | 4.0 | 4.0 |
| Trade..... | 14.8 | 13.8 | 14.8 |
| Other nonmanufacturing | 14.7 | 14.3 | 14.8 |
| Buffalo | | | |
| Total..... | 448.7 | 444.4 | 436.9 |
| Contract construction. | 17.2 | 18.9 | 17.0 |
| Manufacturing..... | 206.9 | 205.8 | 199.3 |
| Trans. and pub. util.. | 39.8 | 40.1 | 38.1 |
| Trade..... | 90.2 | 87.0 | 88.5 |

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| Buffalo - continued | | | |
| Finance..... | 13.3 | 13.3 | 13.4 |
| Service 1/..... | 45.9 | 45.9 | 45.5 |
| Government..... | 35.5 | 33.4 | 35.1 |
| Elmira | | | |
| Total..... | 34.2 | 33.8 | 33.1 |
| Manufacturing..... | 17.6 | 17.6 | 16.8 |
| Trade..... | 7.0 | 6.5 | 6.8 |
| Other nonmanufacturing | 9.5 | 9.7 | 9.5 |
| Nassau and Suffolk Counties 6/ | | | |
| Total..... | 293.7 | 290.9 | 291.7 |
| Contract construction. | 26.4 | 27.1 | 27.3 |
| Manufacturing..... | 92.7 | 92.5 | 99.5 |
| Trans. and pub. util.. | 20.2 | 20.0 | 20.3 |
| Trade..... | 69.2 | 66.6 | 62.3 |
| Service 4/..... | 40.7 | 41.4 | 38.9 |
| Government..... | 44.5 | 43.3 | 43.4 |
| New York-Northeastern New Jersey 5/ | | | |
| Manufacturing..... | 1,736.4 | 1,747.8 | 1,732.1 |
| New York City 6/ | | | |
| Total..... | 3,640.5 | 3,583.4 | 3,602.8 |
| Mining..... | 1.7 | 1.7 | 1.7 |
| Contract construction. | 111.7 | 110.5 | 99.7 |
| Manufacturing..... | 972.4 | 982.2 | 978.0 |
| Trans. and pub. util.. | 326.9 | 325.6 | 320.7 |
| Trade..... | 866.3 | 829.6 | 861.6 |
| Finance..... | 351.9 | 352.6 | 346.0 |
| Service..... | 563.6 | 563.8 | 559.7 |
| Government..... | 446.0 | 417.4 | 435.3 |
| Rochester | | | |
| Total..... | 222.2 | 218.6 | 217.3 |
| Contract construction. | 9.0 | 9.8 | 8.8 |
| Manufacturing..... | 113.5 | 114.0 | 111.1 |
| Trans. and pub. util.. | 9.7 | 9.7 | 9.7 |
| Trade..... | 41.8 | 39.1 | 40.7 |
| Finance..... | 6.3 | 6.3 | 6.3 |
| Other nonmanufacturing | 41.9 | 39.7 | 40.8 |
| Syracuse | | | |
| Total..... | 145.4 | 144.0 | 140.4 |
| Contract construction. | 6.3 | 6.9 | 6.2 |
| Manufacturing..... | 59.1 | 59.2 | 56.0 |
| Trans. and pub. util.. | 10.2 | 10.2 | 9.7 |
| Trade..... | 34.5 | 33.3 | 32.7 |
| Other nonmanufacturing | 35.3 | 34.5 | 35.8 |
| Utica-Rome | | | |
| Total..... | 96.1 | 95.5 | 93.8 |
| Contract construction. | 2.1 | 2.4 | 2.3 |
| Manufacturing..... | 42.0 | 42.3 | 40.6 |
| Trans. and pub. util.. | 5.5 | 5.5 | 5.3 |
| Trade..... | 16.5 | 15.7 | 16.4 |

See footnotes at end of table.

## Table A-7: Employees in nonagricultural establishments for selected areas, by industry division

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| NEW YORK - continued | | | |
| Utica-Rome - continued | | | |
| Finance | 3.1 | 3.1 | 3.0 |
| Service 1/ | 8.2 | 8.1 | 8.0 |
| Government | 18.7 | 18.4 | 18.2 |
| Westchester County 6/ | | | |
| Total | 176.7 | 177.4 | 176.3 |
| Contract construction | 15.3 | 16.8 | 15.0 |
| Manufacturing | 47.6 | 48.8 | 48.8 |
| Trans. and pub. util. | 11.9 | 11.8 | 12.3 |
| Trade | 43.8 | 41.8 | 43.7 |
| Finance | 8.9 | 8.8 | 7.9 |
| Service 2/ | 49.2 | 49.4 | 48.6 |
| NORTH CAROLINA | | | |
| Charlotte | | | |
| Total | 87.0 | 86.1 | 85.5 |
| Contract construction. | 4.9 | 5.0 | 5.4 |
| Manufacturing | 22.8 | 22.8 | 21.6 |
| Trans. and pub. util.. | 9.9 | 9.9 | 9.5 |
| Trade | 26.5 | 25.7 | 26.6 |
| Finance | 5.4 | 5.4 | 5.2 |
| Service 1/ | 10.4 | 10.5 | 10.3 |
| Government | 7.1 | 6.8 | 6.9 |
| Greensboro-High Point | | | |
| Manufacturing | 42.2 | 41.9 | 40.7 |
| Raleigh-Durham | | | |
| Manufacturing | 20.8 | 21.2 | 20.5 |
| Winston-Salem | | | |
| Manufacturing | 35.8 | 35.9 | 34.5 |
| NORTH DAKOTA | | | |
| Fargo | | | |
| Total | 21.5 | 21.6 | 21.0 |
| Contract construction. | 1.7 | 2.1 | 1.7 |
| Manufacturing | 2.0 | 2.1 | 1.9 |
| Trans. and pub. util.. | 2.3 | 2.3 | 2.3 |
| Trade | 7.9 | 7.6 | 7.8 |
| Finance | 1.5 | 1.5 | 1.4 |
| Service 1/ | 2.9 | 2.9 | 2.8 |
| Government | 3.2 | 3.0 | 3.1 |
| OHIO | | | |
| Akron | | | |
| Manufacturing | 94.8 | 94.4 | 90.4 |
| Cincinnati | | | |
| Manufacturing | 165.1 | 166.1 | 157.0 |
| Cleveland | | | |
| Manufacturing | 314.0 | 313.2 | 295.7 |
| Dayton | | | |
| Manufacturing | 103.1 | 101.4 | 95.2 |
| OKLAHOMA | | | |
| Oklahoma City | | | |
| Total | 144.1 | 142.4 | 141.5 |
| Mining | 7.7 | 7.7 | 7.5 |
| Contract construction. | 9.8 | 10.2 | 9.4 |
| Manufacturing | 16.0 | 16.5 | 15.5 |
| Trans. and pub. util.. | 11.5 | 11.5 | 11.2 |
| Trade | 40.0 | 38.0 | 39.8 |
| Finance | 7.9 | 7.9 | 7.6 |
| Service | 17.2 | 17.3 | 16.9 |
| Government | 34.0 | 33.4 | 33.8 |
| Tulsa | | | |
| Total | 128.8 | 126.6 | 118.8 |
| Mining | 12.4 | 12.3 | 12.1 |
| Contract construction. | 8.2 | 8.1 | 7.5 |
| Manufacturing | 35.3 | 35.0 | 29.2 |
| Trans. and pub. util.. | 13.0 | 12.9 | 12.2 |
| Trade | 32.0 | 30.8 | 31.2 |
| Finance | 5.9 | 5.9 | 5.6 |
| Service | 14.7 | 14.8 | 14.3 |
| Government | 7.4 | 7.0 | 6.9 |
| OREGON | | | |
| Portland | | | |
| Total | 248.3 | 245.4 | 240.0 |
| Contract construction. | 13.9 | 13.4 | 12.6 |
| Manufacturing | 59.1 | 61.0 | 57.2 |
| Trans. and pub. util.. | 29.8 | 29.4 | 29.1 |
| Trade | 67.8 | 65.2 | 64.8 |
| Finance | 12.2 | 12.3 | 12.3 |
| Service 1/ | 31.6 | 31.7 | 31.4 |
| Government | 33.9 | 32.4 | 32.6 |
| PENNSYLVANIA | | | |
| Allentown-Bethlehem-Easton | | | |
| Manufacturing | 101.4 | 101.5 | 92.9 |
| Erie | | | |
| Manufacturing | 41.3 | 41.3 | 38.1 |
| Harrisburg | | | |
| Total | 139.9 | 139.0 | 131.5 |
| Mining | .4 | .4 | .4 |
| Contract construction. | 7.4 | 8.2 | 7.2 |
| Manufacturing | 34.5 | 34.5 | 30.5 |
| Trans. and pub. util.. | 14.8 | 14.7 | 13.8 |
| Trade | 25.2 | 23.8 | 23.4 |
| Finance | 5.8 | 5.7 | 5.6 |
| Service | 12.1 | 12.2 | 12.0 |
| Government | 39.7 | 39.5 | 38.5 |
| Lancaster | | | |
| Manufacturing | 46.1 | 46.2 | 42.8 |
| Philadelphia 5/ | | | |
| Manufacturing | 551.1 | 548.4 | 551.2 |

See footnotes at end of table.

## Table A-7: Employees in nonagricultural establishments for selected areas, by industry division - Continued

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| PENNSYLVANIA - continued | | | |
| Pittsburgh | | | |
| Total | 832.3 | 813.4 | 795.9 |
| Mining | 18.1 | 18.1 | 18.1 |
| Contract construction | 41.7 | 45.2 | 38.4 |
| Manufacturing | 326.4 | 325.9 | 312.6 |
| Trans. and pub. util. | 72.1 | 72.5 | 69.2 |
| Trade | 172.5 | 161.5 | 165.5 |
| Finance | 26.9 | 27.0 | 27.4 |
| Service | 91.0 | 91.2 | 85.9 |
| Government | 83.6 | 71.9 | 78.8 |
| Reading | | | |
| Manufacturing | 52.8 | 52.5 | 49.9 |
| Scranton | | | |
| Manufacturing | 31.0 | 31.0 | 30.3 |
| Wilkes-Barre—Hazleton | | | |
| Manufacturing | 39.5 | 39.8 | 38.0 |
| York | | | |
| Manufacturing | 45.3 | 44.7 | 44.0 |
| RHODE ISLAND | | | |
| Providence | | | |
| Total | 299.7 | 296.2 | 293.9 |
| Contract construction | 14.4 | 15.1 | 14.6 |
| Manufacturing | 144.7 | 144.8 | 141.0 |
| Trans. and pub. util. | 13.8 | 14.0 | 13.8 |
| Trade | 56.7 | 53.0 | 56.6 |
| Finance | 12.1 | 12.0 | 11.9 |
| Service 1/ | 27.0 | 27.7 | 25.8 |
| Government | 31.0 | 29.6 | 30.2 |
| SOUTH CAROLINA | | | |
| Charleston | | | |
| Total | 51.5 | 51.4 | 50.0 |
| Contract construction | 2.9 | 3.1 | 2.4 |
| Manufacturing | 9.9 | 9.9 | 9.6 |
| Trans. and pub. util. | 3.8 | 3.7 | 4.0 |
| Trade | 12.5 | 12.0 | 12.4 |
| Finance | 1.6 | 1.6 | 1.5 |
| Service 1/ | 4.7 | 4.7 | 4.6 |
| Government | 16.2 | 16.6 | 15.5 |
| Greenville | | | |
| Manufacturing | 30.4 | 30.2 | 29.1 |
| SOUTH DAKOTA | | | |
| Sioux Falls | | | |
| Manufacturing | 5.3 | 5.4 | 5.2 |
| Trans. and pub. util. | 2.0 | 2.0 | 1.9 |
| Trade | 8.5 | 8.3 | 8.2 |
| Finance | 1.4 | 1.4 | 1.4 |
| Service 1/ | 3.0 | 3.1 | 2.8 |
| Government | 1.9 | 1.8 | 2.0 |

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| TENNESSEE | | | |
| Chattanooga | | | |
| Total | 95.9 | 95.1 | 94.6 |
| Mining | .1 | .1 | .1 |
| Contract construction | 3.9 | 4.1 | 4.8 |
| Manufacturing | 46.2 | 45.9 | 43.7 |
| Trans. and pub. util. | 5.4 | 5.4 | 5.3 |
| Trade | 18.6 | 18.2 | 19.0 |
| Finance | 4.0 | 4.0 | 3.7 |
| Service | 9.3 | 9.2 | 9.2 |
| Government | 8.6 | 8.3 | 8.9 |
| Knoxville | | | |
| Total 5/ | 118.4 | 116.8 | 125.9 |
| Mining | 1.9 | 2.0 | 1.9 |
| Contract construction 5/ | 6.2 | 6.7 | 15.3 |
| Manufacturing | 45.7 | 45.8 | 44.5 |
| Trans. and pub. util. | 7.3 | 7.2 | 7.5 |
| Trade | 27.6 | 25.6 | 27.2 |
| Finance | 2.3 | 2.3 | 2.3 |
| Service | 11.0 | 11.1 | 11.1 |
| Government | 16.5 | 16.2 | 16.4 |
| Memphis | | | |
| Total | 188.3 | 185.1 | 176.1 |
| Mining | .3 | .3 | .3 |
| Contract construction | 12.1 | 12.4 | 9.5 |
| Manufacturing | 47.2 | 46.9 | 42.7 |
| Trans. and pub. util. | 16.1 | 16.3 | 15.7 |
| Trade | 57.5 | 54.5 | 54.9 |
| Finance | 8.0 | 7.9 | 7.8 |
| Service | 23.4 | 23.3 | 22.7 |
| Government | 23.8 | 23.6 | 22.7 |
| Nashville | | | |
| Total | 133.5 | 132.3 | 128.5 |
| Contract construction 1/ | 7.2 | 7.6 | 6.4 |
| Manufacturing | 38.6 | 38.8 | 36.7 |
| Trans. and pub. util. | 12.9 | 12.6 | 12.6 |
| Trade | 32.2 | 31.0 | 31.1 |
| Finance | 8.2 | 8.2 | 8.0 |
| Service | 18.9 | 18.8 | 18.5 |
| Government | 15.3 | 15.1 | 15.1 |
| UTAH | | | |
| Salt Lake City | | | |
| Total | 118.3 | 116.0 | 112.2 |
| Mining | 7.4 | 7.4 | 6.6 |
| Contract construction | 8.6 | 8.9 | 7.7 |
| Manufacturing | 17.7 | 17.8 | 17.0 |
| Trans. and pub. util. | 12.8 | 13.0 | 12.5 |
| Trade | 34.9 | 32.8 | 33.4 |
| Finance | 7.2 | 7.1 | 6.5 |
| Service | 14.1 | 14.2 | 13.3 |
| Government | 15.6 | 14.8 | 15.2 |
| VERMONT | | | |
| Burlington | | | |
| Total | 16.4 | 16.3 | 15.9 |
| Manufacturing | 3.8 | 3.8 | 3.8 |

See footnotes at end of table.

## Table A-7: Employees in nonagricultural establishments for selected areas, by industry division

(In thousands)

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| VERMONT - continued | | | |
| Burlington - continued | | | |
| Trans. and pub. util.. | 1.4 | 1.4 | 1.4 |
| Trade..... | 4.6 | 4.5 | 4.5 |
| Service..... | 2.9 | 2.9 | 2.8 |
| Other nonmanufacturing | 3.7 | 3.7 | 3.5 |
| Springfield | | | |
| Total..... | 12.9 | 12.8 | 11.7 |
| Manufacturing..... | 8.3 | 8.1 | 7.3 |
| Trans. and pub. util.. | .6 | .6 | .6 |
| Trade..... | 1.5 | 1.5 | 1.6 |
| Service..... | .9 | .9 | .9 |
| Other nonmanufacturing | 1.6 | 1.6 | 1.4 |
| VIRGINIA | | | |
| Norfolk-Portsmouth | | | |
| Total..... | 151.4 | 149.7 | 146.6 |
| Mining..... | .2 | .2 | .2 |
| Contract construction. | 11.1 | 11.9 | 11.0 |
| Manufacturing..... | 15.1 | 15.2 | 14.9 |
| Trans. and pub. util.. | 15.4 | 15.4 | 15.0 |
| Trade..... | 40.3 | 37.7 | 38.6 |
| Finance..... | 5.5 | 5.5 | 4.9 |
| Service..... | 16.2 | 16.3 | 14.8 |
| Government..... | 47.6 | 47.5 | 47.2 |
| Richmond | | | |
| Total..... | 157.9 | 154.5 | 151.4 |
| Mining..... | .3 | .3 | .3 |
| Contract construction. | 10.1 | 10.4 | 9.2 |
| Manufacturing..... | 39.1 | 38.8 | 37.7 |
| Trans. and pub. util.. | 15.8 | 15.8 | 15.0 |
| Trade..... | 41.5 | 39.2 | 40.5 |
| Finance..... | 12.7 | 12.6 | 11.8 |
| Service..... | 16.8 | 16.9 | 16.1 |
| Government..... | 21.6 | 20.5 | 20.8 |
| WASHINGTON | | | |
| Seattle 5/ | | | |
| Total..... | 304.0 | 300.5 | 289.5 |
| Contract construction. | 13.5 | 14.3 | 12.7 |
| Manufacturing..... | 83.5 | 84.2 | 77.2 |
| Trans. and pub. util.. | 27.4 | 27.9 | 25.0 |
| Trade..... | 78.2 | 75.1 | 75.8 |
| Finance..... | 18.6 | 18.5 | 17.2 |
| Service 1/..... | 35.8 | 36.0 | 35.0 |
| Government..... | 47.0 | 44.5 | 46.6 |
| Spokane 5/ | | | |
| Total..... | 73.7 | 73.4 | 71.7 |
| Contract construction. | 3.5 | 4.3 | 4.1 |
| Manufacturing..... | 14.9 | 15.1 | 13.9 |
| Trans. and pub. util.. | 8.1 | 8.2 | 7.8 |
| Trade..... | 21.6 | 20.6 | 20.9 |
| Finance..... | 3.7 | 3.7 | 3.7 |
| Service 1/..... | 10.9 | 10.9 | 10.9 |
| Government..... | 11.0 | 10.6 | 10.4 |

| Area and industry division | Number of employees | | |
|---|---|---|---|
| | 1955 | | 1954 |
| | Dec. | Nov. | Dec. |
| Tacoma | | | |
| Total..... | 75.7 | 75.7 | 71.5 |
| Contract construction. | 4.3 | 4.4 | 3.1 |
| Manufacturing..... | 16.9 | 18.5 | 16.9 |
| Trans. and pub. util.. | 7.2 | 7.1 | 6.3 |
| Trade..... | 17.0 | 15.9 | 16.2 |
| Finance..... | 2.9 | 2.8 | 2.6 |
| Service 1/..... | 8.1 | 8.2 | 7.9 |
| Government..... | 19.3 | 18.8 | 18.5 |
| WEST VIRGINIA | | | |
| Charleston | | | |
| Total..... | 91.7 | 90.3 | 89.3 |
| Mining..... | 11.3 | 11.3 | 10.9 |
| Contract construction. | 3.9 | 4.3 | 3.4 |
| Manufacturing..... | 25.1 | 25.2 | 24.4 |
| Trans. and pub. util.. | 11.0 | 11.0 | 10.4 |
| Trade..... | 19.5 | 18.1 | 19.2 |
| Finance..... | 2.7 | 2.6 | 2.6 |
| Service..... | 8.4 | 8.5 | 8.7 |
| Government..... | 9.9 | 9.4 | 9.8 |
| Wheeling-Steubenville | | | |
| Total..... | 118.3 | 117.1 | 110.3 |
| Mining..... | 5.5 | 5.5 | 5.4 |
| Contract construction. | 4.5 | 4.4 | 3.4 |
| Manufacturing..... | 57.4 | 57.6 | 52.7 |
| Trans. and pub. util.. | 10.0 | 10.0 | 9.1 |
| Trade..... | 21.5 | 20.4 | 20.4 |
| Finance..... | 2.9 | 2.8 | 2.8 |
| Service..... | 9.5 | 9.9 | 9.4 |
| Government..... | 7.1 | 6.6 | 7.3 |
| WISCONSIN | | | |
| Milwaukee | | | |
| Contract construction. | 22.3 | 23.0 | 19.5 |
| Manufacturing..... | 191.6 | 191.1 | 174.2 |
| Trans. and pub. util.. | 28.4 | 28.3 | 27.9 |
| Trade..... | 89.3 | 84.7 | 86.7 |
| Finance..... | 19.1 | 19.1 | 18.9 |
| Racine | | | |
| Contract construction. | 1.9 | 2.2 | 1.8 |
| Manufacturing..... | 24.0 | 23.7 | 22.4 |
| Trans. and pub. util.. | 1.6 | 1.6 | 1.6 |
| Trade..... | 7.4 | 7.0 | 7.1 |
| Finance..... | .8 | .8 | .7 |
| WYOMING | | | |
| Casper | | | |
| Mining..... | 3.1 | 3.1 | 3.2 |
| Contract construction. | .7 | .9 | 1.3 |
| Manufacturing..... | 1.8 | 1.8 | 1.8 |
| Trans. and pub. util.. | 1.6 | 1.6 | 1.7 |
| Trade..... | 3.5 | 3.7 | 3.8 |
| Finance..... | .6 | .6 | .5 |
| Service..... | 1.8 | 1.9 | 1.8 |

1/ Includes mining. 2/ Includes mining and government. 3/ Not available. 4/ Includes mining and finance. 5/ Revised series; not strictly comparable with previously published data. 6/ Subarea of New York-Northeastern New Jersey.

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## Table A-8: Women employees in manufacturing industries

| Industry | October 1955 | | July 1955 | | October 1954 | |
|---|---|---|---|---|---|---|
| | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| *MANUFACTURING* | 4,533.5 | 27 | 4,204.5 | 26 | 4,268.5 | 27 |
| DURABLE GOODS | 1,774.5 | 18 | 1,655.8 | 17 | 1,631.8 | 18 |
| NONDURABLE GOODS | 2,759.0 | 38 | 2,548.7 | 37 | 2,636.7 | 38 |
| ORDNANCE AND ACCESSORIES | 25.7 | 20 | 26.3 | 20 | 31.4 | 22 |
| FOOD AND KINDRED PRODUCTS | 439.6 | 27 | 389.2 | 24 | 426.6 | 27 |
| Meat products | 76.6 | 23 | 74.9 | 23 | 74.9 | 23 |
| Dairy products | 25.7 | 22 | 29.1 | 22 | 24.7 | 21 |
| Canning and preserving | 142.7 | 49 | 108.9 | 41 | 136.8 | 50 |
| Grain-mill products | 18.5 | 15 | 18.4 | 15 | 18.4 | 15 |
| Bakery products | 62.4 | 22 | 60.1 | 21 | 59.7 | 21 |
| Sugar | 4.2 | 10 | 3.1 | 11 | 4.1 | 9 |
| Confectionery and related products | 49.1 | 55 | 36.0 | 51 | 49.1 | 55 |
| Beverages | 24.2 | 12 | 22.2 | 10 | 22.5 | 11 |
| Miscellaneous food products | 36.2 | 27 | 36.5 | 26 | 36.4 | 27 |
| TOBACCO MANUFACTURES | 72.3 | 60 | 49.8 | 57 | 71.3 | 59 |
| Cigarettes | 15.3 | 45 | 14.7 | 45 | 14.4 | 44 |
| Cigars | 31.5 | 80 | 28.8 | 79 | 32.5 | 80 |
| Tobacco and snuff | 3.1 | 43 | 3.0 | 42 | 3.3 | 43 |
| Tobacco stemming and redrying | 22.4 | 54 | 3.3 | 33 | 21.1 | 53 |
| TEXTILE-MILL PRODUCTS | 472.3 | 44 | 451.0 | 43 | 466.9 | 44 |
| Scouring and combing plants | .9 | 15 | 1.0 | 15 | 1.0 | 16 |
| Yarn and thread mills | 58.8 | 45 | 58.1 | 46 | 58.6 | 46 |
| Broad-woven fabric mills | 181.9 | 39 | 178.0 | 39 | 185.2 | 40 |
| Narrow fabrics and smallwares | 17.9 | 56 | 17.0 | 55 | 17.0 | 56 |
| Knitting mills | 156.4 | 68 | 144.7 | 68 | 151.1 | 67 |
| Dyeing and finishing textiles | 19.4 | 22 | 17.9 | 21 | 19.8 | 22 |
| Carpets, rugs, other floor coverings | 12.3 | 24 | 11.5 | 24 | 11.4 | 22 |
| Hats (except cloth and millinery) | 4.9 | 41 | 4.6 | 39 | 4.9 | 38 |
| Miscellaneous textile goods | 19.8 | 30 | 18.2 | 29 | 17.9 | 29 |
| APPAREL AND OTHER FINISHED TEXTILE PRODUCTS | 980.1 | 78 | 889.2 | 77 | 913.7 | 77 |
| Men's and boys' suits and coats | 76.1 | 62 | 67.2 | 61 | 72.8 | 61 |
| Men's and boys' furnishings and work clothing | 278.3 | 85 | 260.1 | 84 | 255.2 | 84 |
| Women's outerwear | 291.5 | 80 | 264.1 | 78 | 269.4 | 78 |
| Women's, children's under garments | 108.9 | 88 | 97.5 | 87 | 101.8 | 87 |
| Millinery | 15.6 | 71 | 12.7 | 69 | 15.1 | 70 |
| Children's outerwear | 61.8 | 86 | 60.4 | 85 | 60.8 | 86 |
| Fur goods | 2.9 | 25 | 2.8 | 25 | 3.0 | 26 |
| Miscellaneous apparel and accessories | 51.8 | 77 | 42.7 | 75 | 49.8 | 77 |
| Other fabricated textile products | 93.2 | 67 | 81.7 | 65 | 85.8 | 66 |

## Table A-8: Women employees in manufacturing industries - Continued

| Industry | October 1955 | | July 1955 | | October 1954 | |
|---|---|---|---|---|---|---|
| | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| **LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)** | 48.8 | 6 | 46.3 | 6 | 48.3 | 6 |
| Logging camps and contractors | 2.1 | 2 | 2.1 | 2 | 1.9 | 2 |
| Sawmills and planing mills | 14.4 | 4 | 14.1 | 3 | 14.9 | 4 |
| Millwork, plywood, and prefabricated structural wood products | 10.6 | 7 | 10.1 | 7 | 10.3 | 8 |
| Wooden containers | 10.3 | 19 | 9.8 | 19 | 10.4 | 19 |
| Miscellaneous wood products | 11.4 | 19 | 10.2 | 18 | 10.8 | 20 |
| **FURNITURE AND FIXTURES** | 66.2 | 17 | 59.9 | 17 | 62.7 | 18 |
| Household furniture | 46.1 | 17 | 41.7 | 17 | 44.2 | 17 |
| Office, public-building, and professional furniture | 5.6 | 13 | 5.3 | 13 | 5.5 | 13 |
| Partitions, shelving, lockers, and fixtures | 3.9 | 10 | 3.4 | 10 | 3.6 | 11 |
| Screens, blinds, and miscellaneous furniture and fixtures | 10.6 | 37 | 9.5 | 35 | 9.4 | 36 |
| **PAPER AND ALLIED PRODUCTS** | 129.4 | 23 | 123.1 | 23 | 123.1 | 23 |
| Pulp, paper, and paperboard mills | 30.7 | 11 | 30.9 | 11 | 28.9 | 11 |
| Paperboard containers and boxes | 46.2 | 29 | 41.7 | 28 | 44.8 | 30 |
| Other paper and allied products | 52.5 | 40 | 50.5 | 40 | 49.4 | 40 |
| **PRINTING, PUBLISHING, AND ALLIED INDUSTRIES** | 229.4 | 28 | 218.8 | 27 | 220.8 | 27 |
| Newspapers | 55.2 | 18 | 54.5 | 18 | 53.8 | 18 |
| Periodicals | 28.0 | 44 | 25.3 | 42 | 25.9 | 41 |
| Books | 22.2 | 45 | 21.9 | 45 | 22.5 | 46 |
| Commercial printing | 56.4 | 26 | 53.9 | 25 | 53.7 | 26 |
| Lithographing | 18.8 | 30 | 17.0 | 29 | 18.1 | 30 |
| Greeting cards | 13.2 | 64 | 11.9 | 63 | 12.9 | 65 |
| Bookbinding and related industries | 20.1 | 44 | 18.6 | 43 | 18.7 | 43 |
| Miscellaneous publishing and printing services | 15.5 | 23 | 15.7 | 24 | 15.2 | 23 |
| **CHEMICALS AND ALLIED PRODUCTS** | 148.6 | 18 | 146.9 | 18 | 145.9 | 18 |
| Industrial inorganic chemicals | 9.9 | 9 | 9.6 | 9 | 9.3 | 9 |
| Industrial organic chemicals | 45.0 | 14 | 44.8 | 14 | 43.7 | 15 |
| Drugs and medicines | 35.9 | 39 | 36.9 | 40 | 37.4 | 40 |
| Soap, cleaning and polishing preparations | 11.8 | 23 | 11.0 | 22 | 11.4 | 23 |
| Paints, pigments, and fillers | 10.4 | 15 | 10.6 | 15 | 10.3 | 15 |
| Gum and wood chemicals | .4 | 6 | .4 | 6 | .4 | 5 |
| Fertilizers | 2.2 | 6 | 2.2 | 8 | 2.2 | 6 |
| Vegetable and animal oils and fats | 3.2 | 7 | 3.1 | 8 | 3.4 | 7 |
| Miscellaneous chemicals | 29.8 | 30 | 28.3 | 30 | 27.8 | 30 |
| **PRODUCTS OF PETROLEUM AND COAL** | 16.8 | 7 | 16.8 | 7 | 16.0 | 6 |
| Petroleum refining | 13.8 | 7 | 13.7 | 7 | 13.0 | 6 |
| Coke, other petroleum and coal products | 3.0 | 6 | 3.1 | 6 | 3.0 | 6 |

## Table A-8: Women employees in manufacturing industries - Continued

| Industry | October 1955 | | July 1955 | | October 1954 | |
|---|---|---|---|---|---|---|
| | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| **RUBBER PRODUCTS** | 74.3 | 26 | 69.8 | 26 | 66.6 | 26 |
| Tires and inner tubes | 18.6 | 16 | 18.5 | 16 | 18.7 | 17 |
| Rubber footwear | 15.2 | 51 | 13.3 | 49 | 13.3 | 49 |
| Other rubber products | 40.5 | 30 | 38.0 | 30 | 34.6 | 29 |
| **LEATHER AND LEATHER PRODUCTS** | 196.2 | 51 | 194.1 | 51 | 185.8 | 50 |
| Leather: tanned, curried, and finished | 5.5 | 13 | 5.4 | 13 | 5.4 | 13 |
| Industrial leather belting and packing | 1.9 | 38 | 1.8 | 36 | 1.5 | 33 |
| Boot and shoe cut stock and findings | 6.7 | 41 | 6.9 | 42 | 6.1 | 41 |
| Footwear (except rubber) | 137.5 | 56 | 139.8 | 56 | 131.4 | 55 |
| Luggage | 9.2 | 48 | 8.9 | 47 | 8.2 | 46 |
| Handbags and small leather goods | 23.7 | 70 | 20.4 | 67 | 22.5 | 68 |
| Gloves and miscellaneous leather goods | 11.7 | 58 | 10.9 | 57 | 10.7 | 59 |
| **STONE, CLAY, AND GLASS PRODUCTS** | 93.6 | 17 | 88.3 | 16 | 84.1 | 16 |
| Flat glass | 2.0 | 6 | 2.0 | 6 | 1.9 | 6 |
| Glass and glassware, pressed or blown | 30.9 | 32 | 29.6 | 33 | 28.4 | 32 |
| Glass products made of purchased glass | 4.9 | 28 | 4.4 | 27 | 4.5 | 27 |
| Cement, hydraulic | 1.1 | 2 | 1.1 | 2 | 1.1 | 3 |
| Structural clay products | 6.3 | 8 | 5.6 | 7 | 5.7 | 7 |
| Pottery and related products | 19.2 | 35 | 16.9 | 33 | 17.7 | 33 |
| Concrete, gypsum, and plaster products | 7.1 | 6 | 7.4 | 6 | 5.8 | 6 |
| Cut-stone and stone products | .8 | 4 | .8 | 4 | .8 | 4 |
| Miscellaneous nonmetallic mineral products | 21.3 | 22 | 20.5 | 22 | 18.2 | 21 |
| **PRIMARY METAL INDUSTRIES** | 77.1 | 6 | 75.2 | 6 | 69.4 | 6 |
| Blast furnaces, steel works, and rolling mills | 23.5 | 4 | 24.2 | 4 | 23.3 | 4 |
| Iron and steel foundries | 10.6 | 4 | 9.8 | 4 | 9.3 | 5 |
| Primary smelting and refining of nonferrous metals | 2.1 | 3 | 1.9 | 3 | 1.8 | 3 |
| Secondary smelting and refining of nonferrous metals | 1.0 | 8 | 1.0 | 9 | 1.0 | 8 |
| Rolling, drawing, and alloying of nonferrous metals | 10.2 | 9 | 10.4 | 9 | 9.9 | 10 |
| Nonferrous foundries | 12.9 | 15 | 11.9 | 14 | 10.5 | 14 |
| Miscellaneous primary metal industries | 16.8 | 11 | 16.0 | 11 | 13.6 | 10 |
| **FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)** | 213.6 | 19 | 199.9 | 19 | 193.6 | 19 |
| Tin cans and other tinware | 15.2 | 25 | 15.3 | 24 | 14.5 | 25 |
| Cutlery, hand tools, and hardware | 45.2 | 30 | 41.6 | 29 | 40.3 | 29 |
| Heating apparatus (except electric) and plumbers' supplies | 16.8 | 12 | 15.6 | 12 | 16.3 | 13 |
| Fabricated structural metal products | 21.3 | 7 | 21.0 | 7 | 20.5 | 7 |
| Metal stamping, coating, and engraving | 50.7 | 23 | 46.6 | 22 | 45.8 | 23 |
| Lighting fixtures | 15.1 | 31 | 13.6 | 30 | 13.5 | 31 |
| Fabricated wire products | 16.4 | 25 | 14.8 | 24 | 13.5 | 24 |
| Miscellaneous fabricated metal products | 32.9 | 23 | 31.4 | 23 | 29.2 | 23 |

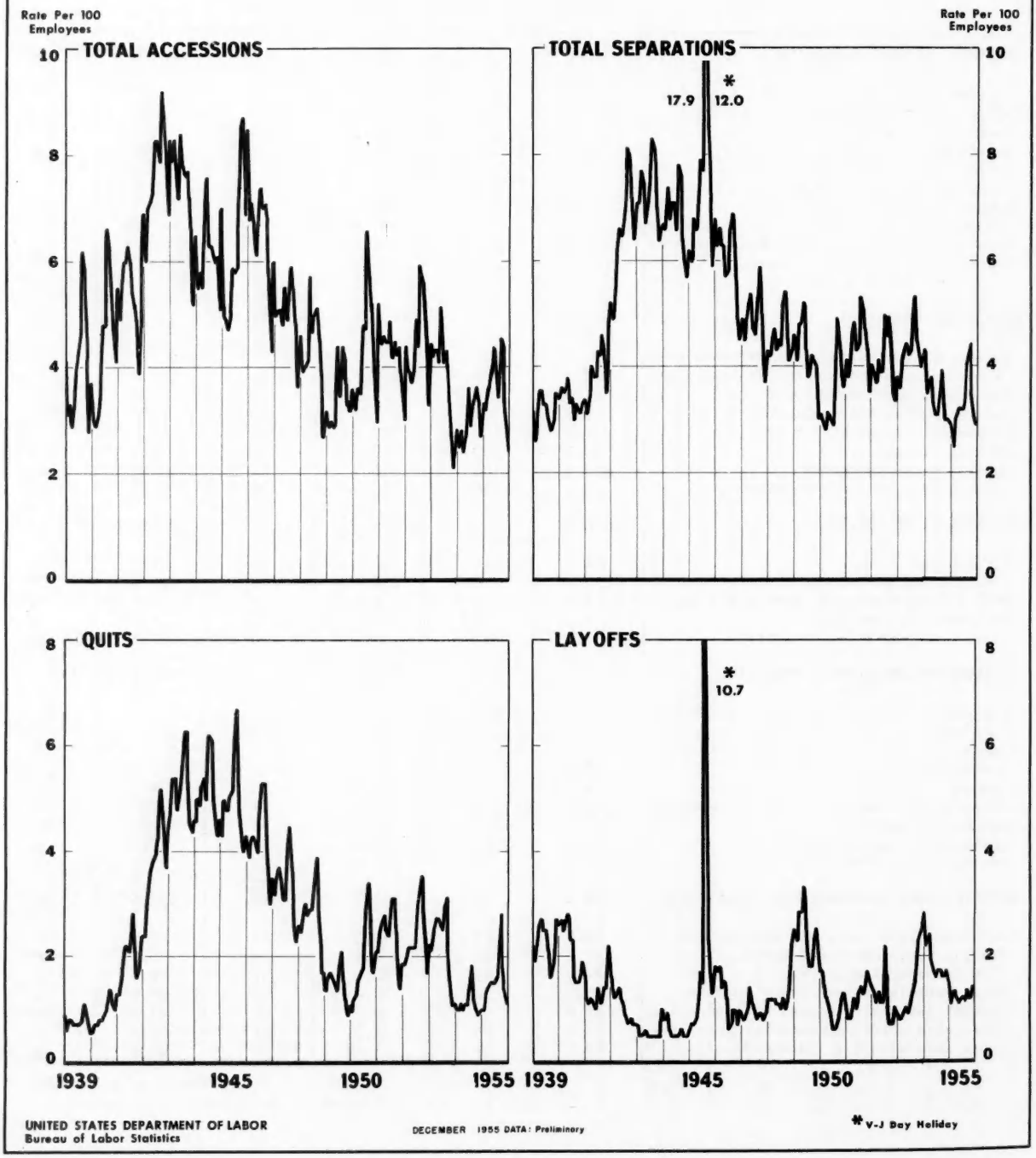
## Table A-8: Women employees in manufacturing industries - Continued

| Industry | October 1955 | | July 1955 | | October 1954 | |
|---|---|---|---|---|---|---|
| | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| **MACHINERY (EXCEPT ELECTRICAL)** | 226.6 | 14 | 221.1 | 14 | 209.6 | 14 |
| Engines and turbines | 11.6 | 14 | 11.1 | 14 | 10.3 | 14 |
| Agricultural machinery and tractors | 15.4 | 10 | 14.8 | 9 | 14.0 | 10 |
| Construction and mining machinery | 11.3 | 8 | 11.1 | 9 | 10.2 | 8 |
| Metalworking machinery | 31.4 | 12 | 31.2 | 12 | 29.0 | 11 |
| Special-industry machinery (except metalworking machinery) | 20.6 | 11 | 19.7 | 11 | 19.6 | 11 |
| General industrial machinery | 32.2 | 13 | 32.4 | 14 | 29.8 | 13 |
| Office and store machines and devices | 29.6 | 27 | 28.9 | 27 | 28.8 | 28 |
| Service-industry and household machines | 26.4 | 15 | 26.3 | 15 | 26.1 | 16 |
| Miscellaneous machinery parts | 48.1 | 18 | 45.6 | 18 | 41.8 | 18 |
| **ELECTRICAL MACHINERY** | 478.1 | 40 | 423.4 | 38 | 420.9 | 39 |
| Electrical generating, transmission, distribution, and industrial apparatus | 111.8 | 29 | 105.9 | 29 | 101.8 | 28 |
| Electrical appliances | 25.9 | 35 | 21.6 | 33 | 20.6 | 32 |
| Insulated wire and cable | 6.1 | 22 | 5.2 | 20 | 5.4 | 22 |
| Electrical equipment for vehicles | 29.3 | 37 | 27.0 | 35 | 21.7 | 33 |
| Electric lamps | 18.6 | 70 | 18.1 | 70 | 17.1 | 70 |
| Communication equipment | 268.0 | 48 | 228.7 | 46 | 237.5 | 47 |
| Miscellaneous electrical products | 18.4 | 36 | 16.9 | 36 | 16.8 | 36 |
| **TRANSPORTATION EQUIPMENT** | 224.3 | 12 | 222.1 | 12 | 208.8 | 13 |
| Automobiles | 94.5 | 11 | 94.9 | 10 | 74.5 | 10 |
| Aircraft and parts | 118.4 | 16 | 116.5 | 16 | 124.2 | 17 |
| Ship and boat building and repairing | 4.4 | 4 | 4.4 | 4 | 4.3 | 4 |
| Railroad equipment | 5.1 | 8 | 4.7 | 8 | 4.1 | 8 |
| Other transportation equipment | 1.9 | 17 | 1.6 | 16 | 1.7 | 16 |
| **INSTRUMENTS AND RELATED PRODUCTS** | 115.6 | 36 | 111.6 | 36 | 109.4 | 35 |
| Laboratory, scientific, and engineering instruments | 13.5 | 26 | 12.7 | 25 | 12.3 | 25 |
| Mechanical measuring and controlling instruments | 30.6 | 35 | 29.7 | 35 | 27.6 | 33 |
| Optical instruments and lenses | 4.1 | 33 | 4.2 | 32 | 4.3 | 33 |
| Surgical, medical, and dental instruments | 18.2 | 44 | 17.7 | 44 | 17.0 | 43 |
| Ophthalmic goods | 11.1 | 44 | 10.3 | 43 | 9.9 | 43 |
| Photographic apparatus | 19.0 | 29 | 19.7 | 29 | 19.9 | 30 |
| Watches and clocks | 19.1 | 54 | 17.3 | 52 | 18.4 | 53 |
| **MISCELLANEOUS MANUFACTURING INDUSTRIES** | 204.9 | 41 | 181.7 | 40 | 193.6 | 41 |
| Jewelry, silverware, and plated ware | 23.4 | 43 | 19.3 | 40 | 23.8 | 42 |
| Musical instruments and parts | 4.3 | 23 | 4.1 | 23 | 4.0 | 23 |
| Toys and sporting goods | 47.0 | 49 | 41.2 | 47 | 41.9 | 46 |
| Pens, pencils, other office supplies | 15.5 | 52 | 15.0 | 51 | 15.5 | 52 |
| Costume jewelry, buttons, notions | 37.6 | 55 | 33.5 | 54 | 36.0 | 53 |
| Fabricated plastics products | 28.0 | 34 | 24.5 | 33 | 24.1 | 34 |
| Other manufacturing industries | 49.1 | 34 | 44.1 | 32 | 48.3 | 34 |

# MONTHLY LABOR TURNOVER RATES

## MANUFACTURING INDUSTRIES

### 1939-1955




UNITED STATES DEPARTMENT OF LABOR
Bureau of Labor Statistics

DECEMBER 1955 DATA: Preliminary

*V-J Day Holiday

## Table B-1: Monthly labor turnover rates in manufacturing, by class of turnover

(Per 100 employees)

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual average | Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total accession** | | | | | | | | | | | | | | |
| 1948 | 4.6 | 3.9 | 4.0 | 4.0 | 4.1 | 5.7 | 4.7 | 5.0 | 5.1 | 4.5 | 3.9 | 2.7 | 4.4 | 1948 |
| 1949 | 3.2 | 2.9 | 3.0 | 2.9 | 3.5 | 4.4 | 3.5 | 4.4 | 4.1 | 3.7 | 3.3 | 3.2 | 3.5 | 1949 |
| 1950 | 3.6 | 3.2 | 3.6 | 3.5 | 4.4 | 4.8 | 4.7 | 6.6 | 5.7 | 5.2 | 4.0 | 3.0 | 4.4 | 1950 |
| 1951 | 5.2 | 4.5 | 4.6 | 4.5 | 4.5 | 4.9 | 4.2 | 4.5 | 4.3 | 4.4 | 3.9 | 3.0 | 4.4 | 1951 |
| 1952 | 4.4 | 3.9 | 3.9 | 3.7 | 3.9 | 4.9 | 4.4 | 5.9 | 5.6 | 5.2 | 4.0 | 3.3 | 4.4 | 1952 |
| 1953 | 4.4 | 4.2 | 4.4 | 4.3 | 4.1 | 5.1 | 4.1 | 4.3 | 4.0 | 3.3 | 2.7 | 2.1 | 3.9 | 1953 |
| 1954 | 2.8 | 2.5 | 2.8 | 2.4 | 2.7 | 3.5 | 2.9 | 3.3 | 3.4 | 3.6 | 3.3 | 2.5 | 3.0 | 1954 |
| 1955 | 3.3 | 3.2 | 3.6 | 3.5 | 3.8 | 4.3 | 3.4 | 4.5 | 4.4 | 4.1 | 3.3 | 2.4 | 3.7 | 1955 |
| **Total separation** | | | | | | | | | | | | | | |
| 1948 | 4.3 | 4.7 | 4.5 | 4.7 | 4.3 | 4.5 | 4.4 | 5.1 | 5.4 | 4.5 | 4.1 | 4.3 | 4.6 | 1948 |
| 1949 | 4.6 | 4.1 | 4.8 | 4.8 | 5.2 | 4.3 | 3.8 | 4.0 | 4.2 | 4.1 | 4.0 | 3.2 | 4.3 | 1949 |
| 1950 | 3.1 | 3.0 | 2.9 | 2.8 | 3.1 | 3.0 | 2.9 | 4.2 | 4.9 | 4.3 | 3.8 | 3.6 | 3.5 | 1950 |
| 1951 | 4.1 | 3.8 | 4.1 | 4.6 | 4.8 | 4.3 | 4.4 | 5.3 | 5.1 | 4.7 | 4.3 | 3.5 | 4.4 | 1951 |
| 1952 | 4.0 | 3.9 | 3.7 | 4.1 | 3.9 | 3.9 | 5.0 | 4.6 | 4.9 | 4.2 | 3.5 | 3.4 | 4.1 | 1952 |
| 1953 | 3.8 | 3.6 | 4.1 | 4.3 | 4.4 | 4.2 | 4.3 | 4.8 | 5.2 | 4.5 | 4.2 | 4.0 | 4.3 | 1953 |
| 1954 | 4.3 | 3.5 | 3.7 | 3.8 | 3.3 | 3.1 | 3.1 | 3.5 | 3.9 | 3.3 | 3.0 | 3.0 | 3.5 | 1954 |
| 1955 | 2.9 | 2.5 | 3.0 | 3.1 | 3.2 | 3.2 | 3.4 | 4.0 | 4.4 | 3.5 | 3.1 | 2.9 | 3.3 | 1955 |
| **Quit** | | | | | | | | | | | | | | |
| 1948 | 2.6 | 2.5 | 2.8 | 3.0 | 2.8 | 2.9 | 2.9 | 3.4 | 3.9 | 2.8 | 2.2 | 1.7 | 2.8 | 1948 |
| 1949 | 1.7 | 1.4 | 1.6 | 1.7 | 1.6 | 1.5 | 1.4 | 1.8 | 2.1 | 1.5 | 1.2 | .9 | 1.5 | 1949 |
| 1950 | 1.1 | 1.0 | 1.2 | 1.3 | 1.6 | 1.7 | 1.8 | 2.9 | 3.4 | 2.7 | 2.1 | 1.7 | 1.9 | 1950 |
| 1951 | 2.1 | 2.1 | 2.5 | 2.7 | 2.8 | 2.5 | 2.4 | 3.1 | 3.1 | 2.5 | 1.9 | 1.4 | 2.4 | 1951 |
| 1952 | 1.9 | 1.9 | 2.0 | 2.2 | 2.2 | 2.2 | 2.2 | 3.0 | 3.5 | 2.8 | 2.1 | 1.7 | 2.3 | 1952 |
| 1953 | 2.1 | 2.2 | 2.5 | 2.7 | 2.7 | 2.6 | 2.5 | 2.9 | 3.1 | 2.1 | 1.5 | 1.1 | 2.3 | 1953 |
| 1954 | 1.1 | 1.0 | 1.0 | 1.1 | 1.0 | 1.1 | 1.1 | 1.4 | 1.8 | 1.2 | 1.0 | .9 | 1.1 | 1954 |
| 1955 | 1.0 | 1.0 | 1.3 | 1.5 | 1.5 | 1.5 | 1.6 | 2.2 | 2.8 | 1.8 | 1.4 | 1.1 | 1.6 | 1955 |
| **Discharge** | | | | | | | | | | | | | | |
| 1948 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | 1948 |
| 1949 | .3 | .3 | .3 | .2 | .2 | .2 | .2 | .3 | .2 | .2 | .2 | .2 | .2 | 1949 |
| 1950 | .2 | .2 | .2 | .2 | .3 | .3 | .3 | .4 | .4 | .4 | .3 | .3 | .3 | 1950 |
| 1951 | .3 | .3 | .3 | .4 | .4 | .4 | .3 | .4 | .3 | .4 | .3 | .3 | .3 | 1951 |
| 1952 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .4 | .4 | .4 | .3 | .3 | 1952 |
| 1953 | .3 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .3 | .2 | .4 | 1953 |
| 1954 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | 1954 |
| 1955 | .2 | .2 | .2 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .2 | .3 | 1955 |
| **Layoff** | | | | | | | | | | | | | | |
| 1948 | 1.2 | 1.7 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 | 1.2 | 1.0 | 1.2 | 1.4 | 2.2 | 1.3 | 1948 |
| 1949 | 2.5 | 2.3 | 2.8 | 2.8 | 3.3 | 2.5 | 2.1 | 1.8 | 1.8 | 2.3 | 2.5 | 2.0 | 2.4 | 1949 |
| 1950 | 1.7 | 1.7 | 1.4 | 1.2 | 1.1 | .9 | .6 | .6 | .7 | .8 | 1.1 | 1.3 | 1.1 | 1950 |
| 1951 | 1.0 | .8 | .8 | 1.0 | 1.2 | 1.0 | 1.3 | 1.4 | 1.3 | 1.4 | 1.7 | 1.5 | 1.2 | 1951 |
| 1952 | 1.4 | 1.3 | 1.1 | 1.3 | 1.1 | 1.1 | 2.2 | 1.0 | .7 | .7 | .7 | 1.0 | 1.1 | 1952 |
| 1953 | .9 | .8 | .8 | .9 | 1.0 | .9 | 1.1 | 1.3 | 1.5 | 1.8 | 2.3 | 2.5 | 1.3 | 1953 |
| 1954 | 2.8 | 2.2 | 2.3 | 2.4 | 1.9 | 1.7 | 1.6 | 1.7 | 1.7 | 1.6 | 1.6 | 1.7 | 1.9 | 1954 |
| 1955 | 1.5 | 1.1 | 1.3 | 1.2 | 1.1 | 1.2 | 1.3 | 1.3 | 1.1 | 1.2 | 1.2 | 1.4 | 1.2 | 1955 |
| **Miscellaneous, including military** | | | | | | | | | | | | | | |
| 1948 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 1948 |
| 1949 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 1949 |
| 1950 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .3 | .4 | .4 | .3 | .3 | .2 | 1950 |
| 1951 | .7 | .6 | .5 | .5 | .4 | .4 | .4 | .4 | .4 | .4 | .4 | .3 | .5 | 1951 |
| 1952 | .4 | .4 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | 1952 |
| 1953 | .4 | .4 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .3 | .2 | .3 | 1953 |
| 1954 | .3 | .2 | .2 | .2 | .2 | .2 | .2 | .3 | .3 | .2 | .1 | .2 | .2 | 1954 |
| 1955 | .3 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .2 | 1955 |

## Table B-2: Monthly labor turnover rates in selected industries

(Per 100 employees)

| Industry | Total accession rate | | Separation rate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Total | | Quit | | Discharge | | Layoff | | Misc., incl. military | |
| | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 |
| *MANUFACTURING* | 2.4 | 3.3 | 2.9 | 3.1 | 1.1 | 1.4 | 0.2 | 0.3 | 1.4 | 1.2 | 0.2 | 0.2 |
| DURABLE GOODS | 2.6 | 3.5 | 3.1 | 3.2 | 1.1 | 1.4 | .3 | .3 | 1.5 | 1.2 | .2 | .2 |
| NONDURABLE GOODS | 2.1 | 2.9 | 2.6 | 2.9 | 1.1 | 1.5 | .2 | .2 | 1.2 | 1.1 | .1 | .1 |
| ORDNANCE AND ACCESSORIES | 1.9 | 2.1 | 3.9 | 2.7 | .9 | 1.0 | .1 | .2 | 2.7 | 1.3 | .2 | .2 |
| FOOD AND KINDRED PRODUCTS | 2.5 | 3.5 | 3.6 | 4.2 | 1.0 | 1.4 | .2 | .3 | 2.3 | 2.4 | .1 | .1 |
| Meat products | 2.9 | 4.1 | 3.7 | 3.6 | .7 | .9 | .2 | .3 | 2.7 | 2.2 | .1 | .2 |
| Grain-mill products | 2.1 | 2.5 | 3.2 | 3.6 | 1.0 | 1.3 | .3 | .3 | 1.7 | 1.9 | .2 | .1 |
| Bakery products | 2.0 | 2.8 | 2.3 | 3.9 | 1.4 | 1.9 | .2 | .3 | .7 | 1.6 | .1 | .1 |
| Beverages: | | | | | | | | | | | | |
| Malt liquors | 1.9 | 2.9 | 2.9 | 3.3 | .2 | .2 | .1 | .1 | 2.4 | 2.9 | .2 | .1 |
| TOBACCO MANUFACTURES | .9 | 1.7 | 1.9 | 2.1 | 1.1 | 1.7 | .2 | .2 | .5 | .1 | .1 | .1 |
| Cigarettes | 1.4 | 1.2 | 1.4 | 1.6 | .9 | 1.2 | .2 | .2 | .1 | .1 | .1 | .1 |
| Cigars | .7 | 2.2 | 2.5 | 2.8 | 1.3 | 2.3 | .3 | .3 | .9 | .1 | .1 | (1/) |
| Tobacco and snuff | .3 | 1.0 | 1.6 | 1.3 | .7 | .8 | .1 | (1/) | .5 | .3 | .3 | .2 |
| TEXTILE-MILL PRODUCTS | 2.3 | 3.3 | 2.9 | 3.0 | 1.3 | 1.6 | .2 | .3 | 1.3 | 1.0 | .2 | .2 |
| Yarn and thread mills | 2.5 | 3.1 | 2.8 | 3.8 | 1.2 | 1.8 | .2 | .2 | 1.3 | 1.6 | .1 | .1 |
| Broad-woven fabric mills | 2.5 | 3.4 | 2.7 | 3.0 | 1.3 | 1.7 | .2 | .3 | 1.0 | .8 | .2 | .2 |
| Cotton, silk, synthetic fiber | 2.3 | 3.1 | 2.3 | 2.7 | 1.3 | 1.7 | .2 | .3 | .6 | .4 | .2 | .2 |
| Woolen and worsted | 3.6 | 5.4 | 5.5 | 5.1 | 1.5 | 1.6 | .2 | .3 | 3.6 | 3.0 | .2 | .2 |
| Knitting mills | 1.9 | 3.3 | 4.1 | 3.1 | 1.5 | 1.7 | .2 | .3 | 2.3 | 1.0 | .1 | .1 |
| Full-fashioned hosiery | 1.5 | 2.6 | 1.8 | 2.3 | 1.3 | 1.5 | .1 | .2 | .3 | .5 | (1/) | (1/) |
| Seamless hosiery | 1.7 | 3.2 | 2.6 | 2.4 | 1.6 | 1.5 | .2 | .2 | .7 | .5 | .1 | .2 |
| Knit underwear | 2.2 | 3.0 | 5.3 | 3.7 | 1.5 | 1.7 | .3 | .2 | 3.5 | 1.7 | (1/) | (1/) |
| Dyeing and finishing textiles | 1.6 | 2.9 | 1.8 | 1.8 | .7 | .9 | .2 | .3 | .7 | .4 | .1 | .2 |
| Carpets, rugs, other floor coverings | 2.3 | 3.3 | 2.9 | 2.7 | .9 | 1.1 | .3 | .4 | 1.5 | 1.1 | .2 | .2 |
| APPAREL AND OTHER FINISHED TEXTILE PRODUCTS | 2.1 | 3.8 | 2.9 | 3.5 | 1.9 | 2.5 | .1 | .3 | .8 | .7 | .1 | .1 |
| Men's and boys' suits and coats | 2.7 | 4.5 | 1.9 | 3.5 | 1.3 | 1.7 | .1 | .2 | .4 | 1.5 | .1 | .1 |
| Men's and boys' furnishings and work clothing | 1.6 | 3.2 | 3.0 | 3.4 | 1.9 | 2.6 | .1 | .2 | .9 | .4 | .1 | .1 |
| LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE) | 3.3 | 3.7 | 6.0 | 5.7 | 1.3 | 2.4 | .2 | .3 | 4.3 | 2.9 | .2 | .2 |
| Logging camps and contractors | (2/) | 8.1 | (2/) | 12.1 | (2/) | 6.0 | (2/) | .5 | (2/) | 5.4 | (2/) | .1 |
| Sawmills and planing mills | 2.0 | 2.8 | 4.9 | 4.7 | 1.1 | 1.8 | .2 | .3 | 3.4 | 2.5 | .1 | .1 |
| Millwork, plywood, and prefabricated structural wood products | 2.4 | 2.3 | 3.5 | 4.0 | 1.1 | 1.4 | .2 | .3 | 2.0 | 2.2 | .2 | .2 |
| FURNITURE AND FIXTURES | 2.7 | 3.8 | 3.5 | 3.8 | 1.3 | 2.1 | .4 | .4 | 1.7 | 1.1 | .2 | .2 |
| Household furniture | 2.8 | 4.0 | 3.9 | 3.8 | 1.5 | 2.2 | .4 | .5 | 1.8 | .9 | .1 | .2 |
| Other furniture and fixtures | 2.5 | 3.3 | 2.7 | 3.7 | 1.0 | 1.9 | .2 | .3 | 1.3 | 1.4 | .3 | .2 |
| PAPER AND ALLIED PRODUCTS | 1.7 | 2.1 | 2.3 | 2.5 | .9 | 1.2 | .2 | .3 | 1.0 | .8 | .2 | .1 |
| Pulp, paper, and paperboard mills | 1.1 | 1.3 | 1.3 | 1.5 | .5 | .7 | .1 | .2 | .4 | .6 | .2 | .1 |
| Paperboard containers and boxes | 1.8 | 3.0 | 3.4 | 3.4 | 1.3 | 2.0 | .3 | .6 | 1.7 | .7 | .1 | .1 |
| CHEMICALS AND ALLIED PRODUCTS | 1.3 | 1.5 | 1.4 | 1.5 | .7 | .7 | .2 | .1 | .4 | .5 | .1 | .2 |
| Industrial inorganic chemicals | 1.6 | 1.6 | 1.2 | 1.5 | .9 | .7 | .2 | .2 | (1/) | .4 | .1 | .2 |
| Industrial organic chemicals | 1.1 | 1.2 | .9 | 1.0 | .4 | .4 | .1 | .1 | .3 | .3 | .1 | .2 |
| Synthetic fibers | 1.7 | 1.1 | 1.2 | .9 | .4 | .4 | .1 | (1/) | .7 | .3 | .1 | .1 |
| Drugs and medicines | 1.3 | 1.3 | .9 | .9 | .6 | .6 | (1/) | .1 | (1/) | .2 | .2 | .1 |
| Paints, pigments, and fillers | 1.0 | 1.4 | 1.6 | 1.1 | .6 | .7 | .2 | .1 | .7 | .1 | .1 | .1 |

See footnotes at end of table.

## Table B-2: Monthly labor turnover rates in selected industries-Continued

(Per 100 employees)

| Industry | Total accession rate | | Separation rate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Total | | Quit | | Discharge | | Layoff | | Misc., incl. military | |
| | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 |
| **PRODUCTS OF PETROLEUM AND COAL** | 0.7 | 0.7 | 1.2 | 1.4 | 0.3 | 0.4 | 0.1 | 0.1 | 0.6 | 0.8 | 0.2 | 0.2 |
| Petroleum refining | .5 | .6 | .8 | .9 | .3 | .2 | (1/) | (1/) | .3 | .4 | .2 | .2 |
| **RUBBER PRODUCTS** | 2.1 | 3.0 | 1.9 | 2.2 | .9 | 1.3 | .2 | .2 | .6 | .5 | .2 | .2 |
| Tires and inner tubes | (2/) | 1.5 | (2/) | 1.3 | (2/) | .7 | (2/) | .1 | (2/) | .3 | (2/) | .2 |
| Rubber footwear | 2.8 | 3.8 | 2.6 | 2.2 | 2.1 | 1.8 | .2 | .2 | .2 | .1 | .2 | .2 |
| Other rubber products | 2.9 | 4.2 | 2.5 | 3.0 | 1.2 | 1.7 | .2 | .3 | .9 | .8 | .2 | .2 |
| **LEATHER AND LEATHER PRODUCTS** | 3.7 | 3.5 | 3.1 | 3.0 | 1.8 | 1.8 | .2 | .2 | 1.0 | .9 | .1 | .1 |
| Leather: tanned, curried, and finished | 1.6 | 2.9 | 3.3 | 3.4 | .7 | .9 | .2 | .3 | 2.2 | 1.9 | .2 | .3 |
| Footwear (except rubber) | 4.0 | 3.6 | 3.1 | 3.0 | 2.0 | 2.0 | .2 | .2 | .8 | .7 | .1 | .1 |
| **STONE, CLAY, AND GLASS PRODUCTS** | 1.8 | 2.4 | 2.0 | 2.3 | .7 | 1.1 | .1 | .2 | 1.0 | .8 | .2 | .2 |
| Glass and glass products | 2.2 | 2.9 | 2.4 | 2.6 | .5 | .8 | .1 | .2 | 1.7 | 1.5 | .1 | .1 |
| Cement, hydraulic | (2/) | 1.4 | (2/) | 1.7 | (2/) | .8 | (2/) | .3 | (2/) | .4 | (2/) | .2 |
| Structural clay products | 2.0 | 2.3 | 2.5 | 2.5 | 1.1 | 1.3 | .2 | .3 | 1.0 | .7 | .3 | .3 |
| Pottery and related products | 2.0 | 2.7 | 1.4 | 2.2 | .9 | 1.5 | .2 | .2 | .2 | .2 | .1 | .1 |
| **PRIMARY METAL INDUSTRIES** | 2.0 | 2.5 | 1.7 | 2.0 | .8 | 1.1 | .3 | .3 | .4 | .5 | .2 | .2 |
| Blast furnaces, steel works, and rolling mills | 1.5 | 1.6 | 1.2 | 1.5 | .6 | .8 | .1 | .1 | .3 | .3 | .2 | .2 |
| Iron and steel foundries | 3.2 | 4.4 | 2.7 | 2.9 | 1.5 | 1.7 | .5 | .6 | .5 | .4 | .1 | .2 |
| Gray-iron foundries | 3.5 | 4.4 | 2.5 | 2.8 | 1.6 | 1.6 | .5 | .5 | .2 | .6 | .1 | .1 |
| Malleable-iron foundries | 2.5 | 4.7 | 2.7 | 3.6 | 1.7 | 2.3 | .5 | .7 | .4 | .3 | .1 | .4 |
| Steel foundries | 3.2 | 4.4 | 3.0 | 2.6 | 1.3 | 1.6 | .5 | .5 | .9 | .3 | .2 | .2 |
| Primary smelting and refining of nonferrous metals: | | | | | | | | | | | | |
| Primary smelting and refining of copper, lead, and zinc | 1.6 | 1.7 | 1.3 | 1.5 | .9 | .9 | .3 | .2 | .1 | .2 | .1 | .3 |
| Rolling, drawing, and alloying of nonferrous metals: | | | | | | | | | | | | |
| Rolling, drawing, and alloying of copper | 1.5 | 2.2 | 1.0 | 1.5 | .5 | .9 | .2 | .2 | .2 | .2 | .1 | .2 |
| Nonferrous foundries | 3.0 | 4.4 | 3.6 | 3.4 | 1.3 | 1.8 | .7 | .7 | 1.2 | .7 | .3 | .3 |
| Other primary metal industries: | | | | | | | | | | | | |
| Iron and steel forgings | 2.5 | 3.4 | 2.1 | 1.8 | .8 | 1.0 | .3 | .3 | .8 | .3 | .2 | .1 |
| **FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)** | 2.8 | 3.8 | 3.4 | 3.9 | 1.2 | 1.4 | .3 | .4 | 1.8 | 1.9 | .2 | .2 |
| Cutlery, hand tools, and hardware | 2.1 | 4.0 | 2.6 | 2.6 | 1.4 | 1.5 | .3 | .5 | .7 | .5 | .1 | .2 |
| Cutlery and edge tools | 1.6 | 3.3 | 3.0 | 2.1 | 1.6 | 1.1 | .2 | .3 | 1.3 | .5 | (1/) | .1 |
| Hand tools | 2.6 | 2.8 | 1.9 | 2.3 | .9 | 1.4 | .4 | .3 | .5 | .5 | .2 | .1 |
| Hardware | (2/) | 4.8 | (2/) | 3.0 | (2/) | 1.7 | (2/) | .6 | (2/) | .4 | (2/) | .2 |
| Heating apparatus (except electric) and plumbers' supplies | 1.7 | 2.3 | 4.4 | 4.1 | 1.2 | 1.4 | .3 | .4 | 2.6 | 2.0 | .3 | .3 |
| Sanitary ware and plumbers' supplies | 1.4 | 2.0 | 5.2 | 2.4 | 1.3 | 1.2 | .5 | .5 | 3.3 | .5 | .1 | .3 |
| Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified | 1.8 | 2.6 | 3.9 | 5.2 | 1.1 | 1.5 | .2 | .4 | 2.2 | 3.0 | .4 | .3 |
| Fabricated structural metal products | 2.4 | 3.2 | 3.2 | 3.6 | .9 | 1.3 | .2 | .4 | 1.8 | 1.8 | .1 | .1 |
| Metal stamping, coating, and engraving | 4.6 | 5.0 | 4.0 | 5.1 | 1.6 | 1.5 | .4 | .4 | 1.8 | 2.8 | .2 | .3 |

See footnotes at end of table.

## Table B-2: Monthly labor turnover rates in selected industries-Continued

(Per 100 employees)

| Industry | Total accession rate | | Separation rate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Total | | Quit | | Discharge | | Layoff | | Misc., incl. military | |
| | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 |
| **MACHINERY (EXCEPT ELECTRICAL)** | 2.4 | 3.2 | 2.2 | 2.2 | .9 | 1.1 | .3 | .3 | .8 | .5 | .2 | .2 |
| Engines and turbines | 3.2 | 3.1 | 1.6 | 2.0 | .9 | 1.2 | .4 | .4 | .2 | .3 | .1 | .2 |
| Agricultural machinery and tractors | (2/) | 3.5 | (2/) | 2.3 | (2/) | 1.2 | (2/) | .3 | (2/) | .4 | (2/) | .4 |
| Construction and mining machinery | 2.5 | 2.9 | 2.0 | 2.1 | 1.1 | 1.2 | .3 | .4 | .4 | .3 | .2 | .2 |
| Metalworking machinery | 2.2 | 2.9 | 1.5 | 1.8 | .9 | 1.0 | .2 | .2 | .2 | .3 | .2 | .2 |
| Machine tools | 2.0 | 2.7 | 1.3 | 1.5 | .8 | 1.0 | .2 | .2 | .1 | .1 | .2 | .2 |
| Metalworking machinery (except machine tools) | 2.0 | 2.7 | 1.3 | 1.6 | .7 | .9 | .3 | .3 | .1 | .2 | .2 | .2 |
| Machine-tool accessories | 2.5 | 3.6 | 2.0 | 2.4 | 1.0 | 1.3 | .3 | .3 | .5 | .7 | .2 | .1 |
| Special-industry machinery (except metal-working machinery) | 1.9 | 2.8 | 1.4 | 2.2 | .8 | 1.1 | .2 | .3 | .2 | .6 | .1 | .2 |
| General industrial machinery | 2.0 | 3.2 | 1.8 | 2.5 | .9 | 1.2 | .4 | .3 | .4 | .8 | .1 | .2 |
| Office and store machines and devices | 2.4 | 2.4 | 2.5 | 2.0 | .8 | 1.1 | .1 | .2 | 1.2 | .5 | .3 | .2 |
| Service-industry and household machines | 3.1 | 5.3 | 3.6 | 2.7 | .9 | 1.2 | .3 | .2 | 2.3 | .8 | .2 | .4 |
| Miscellaneous machinery parts | 2.3 | 3.1 | 1.9 | 2.0 | 1.0 | 1.0 | .2 | .3 | .5 | .6 | .2 | .2 |
| **ELECTRICAL MACHINERY** | 2.7 | 3.7 | 3.1 | 3.0 | 1.5 | 1.7 | .3 | .3 | 1.2 | .8 | .1 | .2 |
| Electrical generating, transmission, distribution, and industrial apparatus | 2.2 | 2.8 | 1.8 | 2.1 | 1.0 | 1.3 | .2 | .2 | .4 | .5 | .1 | .1 |
| Communication equipment | (2/) | 3.8 | (2/) | 3.3 | (2/) | 1.9 | (2/) | .3 | (2/) | .9 | (2/) | .2 |
| Radios, phonographs, television sets, and equipment | 3.0 | 3.7 | 4.8 | 4.2 | 1.8 | 2.0 | .4 | .4 | 2.5 | 1.5 | .1 | .2 |
| Telephone, telegraph, and related equipment | (2/) | 3.3 | (2/) | 1.6 | (2/) | 1.3 | (2/) | .1 | (2/) | (1/) | (2/) | .2 |
| Electrical appliances, lamps, and miscellaneous products | 3.6 | 4.8 | 3.6 | 3.7 | 1.6 | 2.0 | .4 | .4 | 1.4 | 1.2 | .1 | .1 |
| **TRANSPORTATION EQUIPMENT** | 3.3 | 4.3 | 3.2 | 3.5 | 1.0 | 1.3 | .2 | .3 | 1.8 | 1.5 | .2 | .4 |
| Automobiles | 3.0 | 4.3 | 2.9 | 3.3 | .9 | 1.3 | .3 | .4 | 1.4 | 1.0 | .3 | .6 |
| Aircraft and parts | 2.3 | 3.0 | 1.6 | 2.0 | 1.0 | 1.2 | .1 | .2 | .3 | .4 | .1 | .1 |
| Aircraft | 2.2 | 2.8 | 1.4 | 1.9 | 1.0 | 1.3 | .1 | .2 | .1 | .3 | .1 | .1 |
| Aircraft engines and parts | 3.4 | 4.1 | 1.5 | 1.5 | .9 | .9 | .1 | .2 | .4 | .2 | .1 | .2 |
| Aircraft propellers and parts | (2/) | 3.8 | (2/) | 1.2 | (2/) | .9 | (2/) | .1 | (2/) | (1/) | (2/) | .2 |
| Other aircraft parts and equipment | 3.0 | 3.3 | 4.3 | 4.2 | .9 | 1.5 | .2 | .3 | 3.0 | 2.2 | .1 | .1 |
| Ship and boat building and repairing | (2/) | 12.8 | (2/) | 14.3 | (2/) | 2.2 | (2/) | .4 | (2/) | 11.6 | (2/) | .1 |
| Railroad equipment | 3.3 | 5.9 | 6.6 | 4.5 | .5 | .5 | .2 | .1 | 5.4 | 3.1 | .5 | .7 |
| Locomotives and parts | (2/) | 5.5 | (2/) | 1.8 | (2/) | .4 | (2/) | (1/) | (2/) | .4 | (2/) | 1.0 |
| Railroad and street cars | 4.1 | 6.1 | 8.1 | 5.9 | .5 | .6 | .2 | .2 | 7.2 | 4.6 | .3 | .6 |
| Other transportation equipment | 1.1 | 2.3 | 13.9 | 5.3 | .8 | 3.1 | .2 | .5 | 12.8 | 1.5 | .1 | .3 |
| **INSTRUMENTS AND RELATED PRODUCTS** | (2/) | 2.2 | (2/) | 1.6 | (2/) | .9 | (2/) | .2 | (2/) | .4 | (2/) | .1 |
| Photographic apparatus | (2/) | 1.1 | (2/) | 1.2 | (2/) | .6 | (2/) | .1 | (2/) | .4 | (2/) | .1 |
| Watches and clocks | (2/) | 4.1 | (2/) | 3.6 | (2/) | 1.8 | (2/) | .3 | (2/) | 1.3 | (2/) | .2 |
| Professional and scientific instruments | (2/) | 2.1 | (2/) | 1.4 | (2/) | .8 | (2/) | .3 | (2/) | .2 | (2/) | .1 |
| **MISCELLANEOUS MANUFACTURING INDUSTRIES** | 2.5 | 3.6 | 5.2 | 5.5 | 1.6 | 2.1 | .3 | .4 | 3.1 | 2.8 | .2 | .2 |
| Jewelry, silverware, and plated ware | .9 | 2.6 | 2.6 | 2.2 | 1.3 | 1.4 | .2 | .2 | .9 | .5 | .2 | .2 |

See footnotes at end of table.

## Table B-2: Monthly labor turnover rates in selected industries-Continued

(Per 100 employees)

| Industry | Total accession rate | | Separation rate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Total | | Quit | | Discharge | | Layoff | | Misc., incl. military | |
| | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 | Dec. 1955 | Nov. 1955 |
| ***NONMANUFACTURING:*** | | | | | | | | | | | | |
| **METAL MINING** | 1.9 | 3.5 | 2.2 | 3.4 | 1.0 | 1.9 | 0.2 | 0.4 | 0.8 | 0.9 | 0.2 | 0.3 |
| Iron mining | 1.3 | 1.2 | 2.1 | 2.9 | .3 | .3 | (1/) | .1 | 1.6 | 2.3 | .2 | .2 |
| Copper mining | 2.4 | 4.5 | 1.7 | 3.4 | .9 | 2.7 | .3 | .4 | .2 | (1/) | .3 | .3 |
| Lead and zinc mining | 2.4 | 2.2 | 1.7 | 1.5 | 1.3 | 1.1 | .1 | .2 | .1 | .1 | .1 | .2 |
| **ANTHRACITE MINING** | (2/) | 2.2 | (2/) | 5.6 | (2/) | .7 | (2/) | (1/) | (2/) | 4.7 | (2/) | .2 |
| **BITUMINOUS-COAL MINING** | 1.3 | 1.4 | .8 | .9 | .4 | .5 | (1/) | (1/) | .3 | .2 | .1 | .1 |
| **COMMUNICATION:** | | | | | | | | | | | | |
| Telephone | (2/) | 1.8 | (2/) | 1.4 | (2/) | 1.1 | (2/) | (1/) | (2/) | .2 | (2/) | .1 |
| Telegraph | (2/) | 1.6 | (2/) | 1.6 | (2/) | 1.1 | (2/) | (1/) | (2/) | .3 | (2/) | .2 |

1/ Less than 0.05. 2/ Not available.
3/ Data relate to domestic employees except messengers and those compensated entirely on a commission basis.

## Table B-3: Monthly labor turnover rates of men and women in selected manufacturing industry groups 1/

| Industry group | October 1955 | | | | | |
|---|---|---|---|---|---|---|
| | Men (rate per 100 men) | | | Women (rate per 100 women) | | |
| | Total accession | Separation | | Total accession | Separation | |
| | | Total | Quit | | Total | Quit |
| ***MANUFACTURING*** | 3.8 | 3.3 | 1.6 | 4.8 | 3.9 | 2.4 |
| **DURABLE GOODS** | 4.2 | 3.5 | 1.7 | 5.2 | 3.8 | 2.2 |
| Ordnance and accessories | 1.9 | 3.4 | 1.0 | 3.2 | 5.1 | 1.7 |
| Lumber and wood products (except furniture) | 4.8 | 6.0 | 3.1 | 3.0 | 3.2 | 1.8 |
| Furniture and fixtures | 4.8 | 4.9 | 2.7 | 4.0 | 3.9 | 2.4 |
| Stone, clay, and glass products | 2.9 | 2.3 | 1.3 | 4.5 | 3.3 | 1.7 |
| Primary metal industries | 2.8 | 2.3 | 1.2 | 3.4 | 2.4 | 1.4 |
| Fabricated metal products (except ordnance, machinery, and transportation equipment) | 4.5 | 4.1 | 1.8 | 4.8 | 3.7 | 1.9 |
| Machinery (except electrical) | 3.3 | 2.3 | 1.2 | 4.2 | 3.3 | 1.9 |
| Electrical machinery | 3.6 | 2.5 | 1.5 | 5.9 | 3.8 | 2.5 |
| Transportation equipment | 6.4 | 4.7 | 1.6 | 6.7 | 4.1 | 2.0 |
| Instruments and related products | 2.2 | 1.6 | 1.0 | 3.8 | 2.7 | 1.7 |
| Miscellaneous manufacturing industries | 4.4 | 4.2 | 2.5 | 6.5 | 5.6 | 3.3 |
| **NONDURABLE GOODS** | 2.9 | 2.9 | 1.5 | 4.4 | 4.0 | 2.5 |
| Food and kindred products | 3.5 | 4.4 | 1.5 | 7.1 | 5.6 | 2.7 |
| Tobacco manufactures | 2.1 | 2.6 | 1.6 | 3.4 | 2.9 | 2.1 |
| Textile-mill products | 3.6 | 3.4 | 2.0 | 3.9 | 3.5 | 2.0 |
| Apparel and other finished textile products | 4.1 | 4.3 | 2.3 | 4.4 | 4.2 | 3.2 |
| Paper and allied products | 2.9 | 2.3 | 1.4 | 4.3 | 4.2 | 2.8 |
| Chemicals and allied products | 1.6 | 1.3 | .7 | 2.6 | 3.7 | 1.7 |
| Products of petroleum and coal | .7 | 1.2 | .4 | 1.5 | 2.6 | 1.4 |
| Rubber products | 3.1 | 2.2 | 1.4 | 5.3 | 3.3 | 2.0 |
| Leather and leather products | 4.1 | 3.7 | 2.4 | 4.2 | 3.7 | 2.7 |

1/ These figures are based on a slightly smaller sample than those in tables B-1 and B-2, inasmuch as some firms do not report separate data for women.

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| *MINING:* | | | | | | | | | |
| METAL MINING | $97.58 | $96.25 | $92.20 | 42.8 | 42.4 | 42.1 | $2.28 | $2.27 | $2.19 |
| Iron mining | 98.74 | 100.56 | 92.23 | 40.8 | 41.9 | 40.1 | 2.42 | 2.40 | 2.30 |
| Copper mining | 98.56 | 96.73 | 95.70 | 44.0 | 42.8 | 44.1 | 2.24 | 2.26 | 2.17 |
| Lead and zinc mining | 88.62 | 86.11 | 84.22 | 42.4 | 41.8 | 41.9 | 2.09 | 2.06 | 2.01 |
| ANTHRACITE*/ | (1/) | 83.90 | (1/) | (1/) | 32.9 | (1/) | (1/) | 2.55 | (1/) |
| BITUMINOUS-COAL | 105.86 | 96.03 | 96.00 | 39.5 | 36.1 | 37.5 | 2.68 | 2.66 | 2.56 |
| CRUDE-PETROLEUM AND NATURAL-GAS PRODUCTION: | | | | | | | | | |
| Petroleum and natural-gas production (except contract services) | 94.13 | 94.13 | 94.19 | 40.4 | 40.4 | 40.6 | 2.33 | 2.33 | 2.32 |
| NONMETALLIC MINING AND QUARRYING | 80.52 | 82.43 | 80.99 | 44.0 | 44.8 | 44.5 | 1.83 | 1.84 | 1.82 |
| *CONTRACT CONSTRUCTION* | 98.26 | 94.08 | 95.94 | 36.8 | 35.5 | 36.9 | 2.67 | 2.65 | 2.60 |
| NONBUILDING CONSTRUCTION | 94.47 | 92.64 | 94.87 | 39.2 | 38.6 | 40.2 | 2.41 | 2.40 | 2.36 |
| Highway and street | 87.47 | 89.21 | 91.05 | 39.4 | 39.3 | 41.2 | 2.22 | 2.27 | 2.21 |
| Other nonbuilding construction | 99.45 | 95.76 | 98.11 | 39.0 | 38.0 | 39.4 | 2.55 | 2.52 | 2.49 |
| BUILDING CONSTRUCTION | 98.83 | 94.04 | 96.39 | 36.2 | 34.7 | 36.1 | 2.73 | 2.71 | 2.67 |
| GENERAL CONTRACTORS | 92.36 | 88.24 | 90.22 | 35.8 | 34.2 | 35.8 | 2.58 | 2.58 | 2.52 |
| SPECIAL-TRADE CONTRACTORS | 102.93 | 98.28 | 100.46 | 36.5 | 35.1 | 36.4 | 2.82 | 2.80 | 2.76 |
| Plumbing and heating | 110.09 | 105.28 | 106.68 | 38.9 | 37.2 | 38.1 | 2.83 | 2.83 | 2.80 |
| Painting and decorating | 96.81 | 91.58 | 94.38 | 34.7 | 33.3 | 34.7 | 2.79 | 2.75 | 2.72 |
| Electrical work | 122.31 | 117.43 | 116.52 | 40.1 | 38.5 | 39.1 | 3.05 | 3.05 | 2.98 |
| Other special-trade contractors | 97.78 | 92.89 | 96.21 | 35.3 | 33.9 | 35.5 | 2.77 | 2.74 | 2.71 |
| *MANUFACTURING* | 79.71 | 79.52 | 76.52 | 41.3 | 41.2 | 40.7 | 1.93 | 1.93 | 1.88 |
| DURABLE GOODS | 86.31 | 86.11 | 83.21 | 41.9 | 41.8 | 41.4 | 2.06 | 2.06 | 2.01 |
| NONDURABLE GOODS | 70.30 | 70.12 | 68.06 | 40.4 | 40.3 | 39.8 | 1.74 | 1.74 | 1.71 |
| ORDNANCE AND ACCESSORIES | 86.73 | 86.73 | 83.44 | 41.3 | 41.3 | 40.7 | 2.10 | 2.10 | 2.05 |
| FOOD AND KINDRED PRODUCTS | 76.08 | 74.70 | 72.10 | 41.8 | 41.5 | 41.2 | 1.82 | 1.80 | 1.75 |
| Meat products | 94.11 | 94.34 | 83.16 | 44.6 | 44.5 | 42.0 | 2.11 | 2.12 | 1.98 |
| Meat packing, wholesale | 99.65 | 100.79 | 86.92 | 45.5 | 45.4 | 42.4 | 2.19 | 2.22 | 2.05 |
| Sausages and casings | 85.45 | 84.80 | 80.90 | 42.3 | 42.4 | 41.7 | 2.02 | 2.00 | 1.94 |
| Dairy products | 72.68 | 71.83 | 72.48 | 42.5 | 42.5 | 43.4 | 1.71 | 1.69 | 1.67 |
| Condensed and evaporated milk | 73.98 | 74.20 | 74.29 | 44.3 | 44.7 | 45.3 | 1.67 | 1.66 | 1.64 |
| Ice cream and ices | 75.78 | 74.46 | 74.90 | 42.1 | 41.6 | 42.8 | 1.80 | 1.79 | 1.75 |
| Canning and preserving | 57.83 | 53.66 | 56.65 | 38.3 | 36.5 | 38.8 | 1.51 | 1.47 | 1.46 |
| Sea food, canned and cured | 61.42 | 50.53 | 50.71 | 34.9 | 29.9 | 32.3 | 1.76 | 1.69 | 1.57 |
| Canned fruits, vegetables, and soups | 58.89 | 54.90 | 58.65 | 39.0 | 37.6 | 39.9 | 1.51 | 1.46 | 1.47 |
| Grain-mill products | 77.22 | 77.94 | 77.18 | 42.9 | 43.3 | 44.1 | 1.80 | 1.80 | 1.75 |
| Flour and other grain-mill products | 84.36 | 86.14 | 82.88 | 44.4 | 45.1 | 44.8 | 1.90 | 1.91 | 1.85 |
| Prepared feeds | 73.95 | 73.85 | 74.09 | 43.5 | 43.7 | 44.9 | 1.70 | 1.69 | 1.65 |
| Bakery products | 71.40 | 71.98 | 70.35 | 40.8 | 40.9 | 40.9 | 1.75 | 1.76 | 1.72 |
| Bread and other bakery products | 73.16 | 74.16 | 71.93 | 41.1 | 41.2 | 41.1 | 1.78 | 1.80 | 1.75 |
| Biscuits, crackers, and pretzels | 63.83 | 63.68 | 62.88 | 39.4 | 39.8 | 39.8 | 1.62 | 1.60 | 1.58 |

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| **FOOD AND KINDRED PRODUCTS - Continued** | | | | | | | | | |
| Sugar | $76.77 | $80.16 | $77.17 | 47.1 | 50.1 | 43.6 | $1.63 | $1.60 | $1.77 |
| Cane-sugar refining | 83.64 | 86.09 | 83.92 | 41.2 | 42.2 | 42.6 | 2.03 | 2.04 | 1.97 |
| Beet sugar | 76.61 | 82.00 | 73.43 | 45.6 | 49.4 | 42.2 | 1.68 | 1.66 | 1.74 |
| Confectionery and related products | 59.35 | 58.98 | 58.11 | 40.1 | 40.4 | 39.8 | 1.48 | 1.46 | 1.46 |
| Confectionery | 57.34 | 57.37 | 55.84 | 40.1 | 40.4 | 39.6 | 1.43 | 1.42 | 1.41 |
| Beverages | 82.39 | 82.19 | 82.22 | 39.8 | 39.9 | 40.5 | 2.07 | 2.06 | 2.03 |
| Bottled soft drinks | 64.43 | 61.76 | 63.42 | 41.3 | 40.9 | 42.0 | 1.56 | 1.51 | 1.51 |
| Malt liquors | 98.25 | 97.61 | 97.84 | 39.3 | 39.2 | 40.1 | 2.50 | 2.49 | 2.44 |
| Distilled, rectified, and blended liquors | 75.92 | 81.80 | 78.56 | 37.4 | 39.9 | 38.7 | 2.03 | 2.05 | 2.03 |
| Miscellaneous food products | 69.97 | 70.06 | 67.97 | 41.4 | 41.7 | 41.7 | 1.69 | 1.68 | 1.63 |
| Corn sirup, sugar, oil, and starch | 84.45 | 84.03 | 83.16 | 41.6 | 41.6 | 42.0 | 2.03 | 2.02 | 1.98 |
| Manufactured ice | 66.60 | 66.44 | 66.14 | 44.7 | 44.0 | 45.3 | 1.49 | 1.51 | 1.46 |
| **TOBACCO MANUFACTURES** | 53.96 | 51.46 | 51.86 | 39.1 | 38.4 | 38.7 | 1.38 | 1.34 | 1.34 |
| Cigarettes | 71.72 | 68.14 | 67.30 | 41.7 | 40.8 | 40.3 | 1.72 | 1.67 | 1.67 |
| Cigars | 45.84 | 47.19 | 43.90 | 38.2 | 39.0 | 37.2 | 1.20 | 1.21 | 1.18 |
| Tobacco and snuff | 55.80 | 53.36 | 54.17 | 37.7 | 36.3 | 37.1 | 1.48 | 1.47 | 1.46 |
| Tobacco stemming and redrying | 42.90 | 36.75 | 41.98 | 37.3 | 35.0 | 39.6 | 1.15 | 1.05 | 1.06 |
| **TEXTILE-MILL PRODUCTS** | 58.50 | 58.50 | 55.74 | 41.2 | 41.2 | 40.1 | 1.42 | 1.42 | 1.39 |
| Scouring and combing plants | 66.10 | 65.03 | 63.86 | 42.1 | 40.9 | 41.2 | 1.57 | 1.59 | 1.55 |
| Yarn and thread mills | 53.19 | 52.66 | 50.04 | 40.6 | 40.2 | 39.4 | 1.31 | 1.31 | 1.27 |
| Yarn mills | 53.45 | 52.79 | 50.04 | 40.8 | 40.3 | 39.4 | 1.31 | 1.31 | 1.27 |
| Thread mills | 52.66 | 53.46 | 51.61 | 40.2 | 40.5 | 39.7 | 1.31 | 1.32 | 1.30 |
| Broad-woven fabric mills | 57.27 | 57.41 | 54.27 | 41.8 | 41.6 | 40.5 | 1.37 | 1.38 | 1.34 |
| Cotton, silk, synthetic fiber | 56.30 | 56.58 | 52.79 | 41.7 | 41.6 | 40.3 | 1.35 | 1.36 | 1.31 |
| North | 59.76 | 58.90 | 57.63 | 41.5 | 40.9 | 40.3 | 1.44 | 1.44 | 1.43 |
| South | 55.46 | 55.88 | 51.99 | 41.7 | 41.7 | 40.3 | 1.33 | 1.34 | 1.29 |
| Woolen and worsted | 65.33 | 64.11 | 63.38 | 42.7 | 41.9 | 41.7 | 1.53 | 1.53 | 1.52 |
| Narrow fabrics and smallwares | 58.63 | 58.18 | 56.14 | 41.0 | 40.4 | 40.1 | 1.43 | 1.44 | 1.40 |
| Knitting mills | 52.52 | 53.86 | 50.81 | 38.9 | 39.6 | 38.2 | 1.35 | 1.36 | 1.33 |
| Full-fashioned hosiery | 58.80 | 59.70 | 56.39 | 39.2 | 39.8 | 38.1 | 1.50 | 1.50 | 1.48 |
| North | 58.16 | 59.45 | 55.04 | 39.3 | 39.9 | 37.7 | 1.48 | 1.49 | 1.46 |
| South | 59.19 | 60.10 | 56.68 | 39.2 | 39.8 | 38.3 | 1.51 | 1.51 | 1.48 |
| Seamless hosiery | 45.58 | 46.17 | 42.69 | 38.3 | 38.8 | 36.8 | 1.19 | 1.19 | 1.16 |
| North | 49.20 | 49.08 | 46.22 | 40.0 | 39.9 | 38.2 | 1.23 | 1.23 | 1.21 |
| South | 44.96 | 45.67 | 42.21 | 38.1 | 38.7 | 36.7 | 1.18 | 1.18 | 1.15 |
| Knit outerwear | 54.05 | 56.45 | 53.76 | 37.8 | 39.2 | 38.4 | 1.43 | 1.44 | 1.40 |
| Knit underwear | 50.15 | 51.44 | 48.34 | 39.8 | 40.5 | 39.3 | 1.26 | 1.27 | 1.23 |
| Dyeing and finishing textiles | 68.73 | 70.24 | 64.99 | 43.5 | 43.9 | 42.2 | 1.58 | 1.60 | 1.54 |
| Dyeing and finishing textiles (except wool) | 68.89 | 70.40 | 64.72 | 43.6 | 44.0 | 42.3 | 1.58 | 1.60 | 1.53 |
| Carpets, rugs, other floor coverings | 76.36 | 76.90 | 73.74 | 42.9 | 43.2 | 41.9 | 1.78 | 1.78 | 1.76 |
| Wool carpets, rugs, and carpet yarn | 75.05 | 74.27 | 71.05 | 42.4 | 42.2 | 40.6 | 1.77 | 1.76 | 1.75 |
| Hats (except cloth and millinery) | 62.63 | 58.72 | 58.19 | 38.9 | 36.7 | 37.3 | 1.61 | 1.60 | 1.56 |
| Miscellaneous textile goods | 69.86 | 69.54 | 66.98 | 42.6 | 42.4 | 41.6 | 1.64 | 1.64 | 1.61 |
| Felt goods (except woven felts and hats) | 77.35 | 79.61 | 75.18 | 42.5 | 43.5 | 42.0 | 1.82 | 1.83 | 1.79 |
| Lace goods | 63.86 | 64.80 | 63.91 | 38.7 | 38.8 | 38.5 | 1.65 | 1.67 | 1.66 |
| Paddings and upholstery filling | 75.85 | 74.39 | 72.76 | 44.1 | 43.5 | 42.8 | 1.72 | 1.71 | 1.70 |
| Processed waste and recovered fibers | 51.17 | 51.29 | 52.03 | 41.6 | 41.7 | 42.3 | 1.23 | 1.23 | 1.23 |
| Artificial leather, oilcloth, and other coated fabrics | 96.02 | 95.41 | 89.24 | 47.3 | 47.0 | 46.0 | 2.03 | 2.03 | 1.94 |
| Cordage and twine | 58.22 | 57.08 | 55.58 | 41.0 | 40.2 | 39.7 | 1.42 | 1.42 | 1.40 |

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| **APPAREL AND OTHER FINISHED TEXTILE PRODUCTS** | $50.46 | $50.32 | $49.41 | 37.1 | 37.0 | 36.6 | $1.36 | $1.36 | $1.35 |
| Men's and boys' suits and coats | 62.21 | 60.23 | 59.70 | 37.7 | 36.5 | 36.4 | 1.65 | 1.65 | 1.64 |
| Men's and boys' furnishings and work clothing | 42.86 | 43.21 | 41.92 | 37.6 | 37.9 | 37.1 | 1.14 | 1.14 | 1.13 |
| Shirts, collars, and nightwear | 43.01 | 44.31 | 42.29 | 37.4 | 38.2 | 37.1 | 1.15 | 1.16 | 1.14 |
| Separate trousers | 45.08 | 43.38 | 43.52 | 38.2 | 37.4 | 37.2 | 1.18 | 1.16 | 1.17 |
| Work shirts | 36.76 | 38.51 | 36.48 | 37.9 | 39.3 | 38.0 | .97 | .98 | .96 |
| Women's outerwear | 53.76 | 52.30 | 52.90 | 35.6 | 35.1 | 35.5 | 1.51 | 1.49 | 1.49 |
| Women's dresses | 53.70 | 52.70 | 53.40 | 35.1 | 34.9 | 35.6 | 1.53 | 1.51 | 1.50 |
| Household apparel | 41.63 | 41.70 | 40.63 | 37.5 | 36.9 | 36.6 | 1.11 | 1.13 | 1.11 |
| Women's suits, coats, and skirts | 66.15 | 62.21 | 64.27 | 34.1 | 32.4 | 33.3 | 1.94 | 1.92 | 1.93 |
| Women's, children's under garments | 46.13 | 47.38 | 44.77 | 37.2 | 37.9 | 36.7 | 1.24 | 1.25 | 1.22 |
| Underwear and nightwear, except corsets | 43.04 | 44.58 | 42.32 | 37.1 | 38.1 | 36.8 | 1.16 | 1.17 | 1.15 |
| Corsets and allied garments | 50.73 | 51.51 | 49.28 | 37.3 | 37.6 | 36.5 | 1.36 | 1.37 | 1.35 |
| Millinery | 55.46 | 51.01 | 57.51 | 35.1 | 32.7 | 36.4 | 1.58 | 1.56 | 1.58 |
| Children's outerwear | 45.88 | 46.62 | 45.38 | 37.3 | 37.6 | 37.2 | 1.23 | 1.24 | 1.22 |
| Miscellaneous apparel and accessories | 49.02 | 47.63 | 45.51 | 38.6 | 38.1 | 37.0 | 1.27 | 1.25 | 1.23 |
| Other fabricated textile products | 52.50 | 55.32 | 51.07 | 38.6 | 39.8 | 38.4 | 1.36 | 1.39 | 1.33 |
| Curtains, draperies, and other house-furnishings | 46.95 | 48.56 | 45.60 | 38.8 | 39.8 | 38.0 | 1.21 | 1.22 | 1.20 |
| Textile bags | 55.04 | 56.00 | 54.07 | 39.6 | 40.0 | 38.9 | 1.39 | 1.40 | 1.39 |
| Canvas products | 55.46 | 54.23 | 53.86 | 39.9 | 39.3 | 39.6 | 1.39 | 1.38 | 1.36 |
| **LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)** | 68.06 | 68.28 | 69.12 | 41.0 | 40.4 | 40.9 | 1.66 | 1.69 | 1.69 |
| Logging camps and contractors | 70.46 | 70.33 | 75.04 | 36.7 | 35.7 | 37.9 | 1.92 | 1.97 | 1.98 |
| Sawmills and planing mills | 69.06 | 69.97 | 69.55 | 41.6 | 41.4 | 41.4 | 1.66 | 1.69 | 1.68 |
| Sawmills and planing mills, general | 69.47 | 70.38 | 70.38 | 41.6 | 41.4 | 41.4 | 1.67 | 1.70 | 1.70 |
| South | 47.63 | 47.74 | 46.76 | 43.7 | 43.8 | 43.7 | 1.09 | 1.09 | 1.07 |
| West | 87.75 | 88.59 | 88.65 | 39.0 | 39.2 | 39.4 | 2.25 | 2.26 | 2.25 |
| Millwork, plywood, and prefabricated structural wood products | 74.11 | 72.62 | 73.63 | 41.4 | 40.8 | 41.6 | 1.79 | 1.78 | 1.77 |
| Millwork | 72.86 | 71.81 | 72.56 | 41.4 | 40.8 | 41.7 | 1.76 | 1.76 | 1.74 |
| Plywood | 80.00 | 77.04 | 78.19 | 44.2 | 42.8 | 43.2 | 1.81 | 1.80 | 1.81 |
| Wooden containers | 54.40 | 53.28 | 52.48 | 42.5 | 41.3 | 41.0 | 1.28 | 1.29 | 1.28 |
| Wooden boxes, other than cigar | 55.30 | 53.92 | 53.25 | 43.2 | 41.8 | 41.6 | 1.28 | 1.29 | 1.28 |
| Miscellaneous wood products | 58.38 | 57.68 | 57.69 | 41.7 | 41.2 | 41.5 | 1.40 | 1.40 | 1.39 |
| **FURNITURE AND FIXTURES** | 69.37 | 68.88 | 66.82 | 42.3 | 42.0 | 41.5 | 1.64 | 1.64 | 1.61 |
| Household furniture | 66.57 | 66.41 | 63.91 | 42.4 | 42.3 | 41.5 | 1.57 | 1.57 | 1.54 |
| Wood household furniture, except upholstered | 60.62 | 60.48 | 58.24 | 43.3 | 43.2 | 42.2 | 1.40 | 1.40 | 1.38 |
| Wood household furniture, upholstered | 74.87 | 74.27 | 69.19 | 42.3 | 42.2 | 40.7 | 1.77 | 1.76 | 1.70 |
| Mattresses and bedsprings | 72.67 | 70.27 | 71.17 | 40.6 | 39.7 | 40.9 | 1.79 | 1.77 | 1.74 |
| Office, public-building, and professional furniture | 80.91 | 78.63 | 75.78 | 43.5 | 42.5 | 42.1 | 1.86 | 1.85 | 1.80 |
| Wood office furniture | 74.70 | 71.56 | 65.10 | 45.0 | 43.9 | 42.0 | 1.66 | 1.63 | 1.55 |
| Metal office furniture | 89.18 | 87.33 | 84.38 | 43.5 | 42.6 | 42.4 | 2.05 | 2.05 | 1.99 |
| Partitions, shelving, lockers, and fixtures | 81.99 | 82.42 | 80.98 | 41.2 | 40.8 | 40.9 | 1.99 | 2.02 | 1.98 |
| Screens, blinds, and miscellaneous furniture and fixtures | 65.28 | 64.96 | 65.51 | 40.8 | 40.6 | 41.2 | 1.60 | 1.60 | 1.59 |

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| **PAPER AND ALLIED PRODUCTS** | $81.97 | $81.35 | $78.87 | 43.6 | 43.5 | 43.1 | $1.88 | $1.87 | $1.83 |
| Pulp, paper, and paperboard mills | 89.95 | 88.90 | 85.94 | 45.2 | 44.9 | 44.3 | 1.99 | 1.98 | 1.94 |
| Paperboard containers and boxes | 75.05 | 75.58 | 73.85 | 42.4 | 42.7 | 42.2 | 1.77 | 1.77 | 1.75 |
| Paperboard boxes | 74.80 | 75.33 | 73.60 | 42.5 | 42.8 | 42.3 | 1.76 | 1.76 | 1.74 |
| Fiber cans, tubes, and drums | 77.71 | 79.46 | 77.11 | 40.9 | 41.6 | 40.8 | 1.90 | 1.91 | 1.89 |
| Other paper and allied products | 72.38 | 71.38 | 69.97 | 41.6 | 41.5 | 41.4 | 1.74 | 1.72 | 1.69 |
| **PRINTING, PUBLISHING, AND ALLIED INDUSTRIES** | 94.49 | 92.28 | 91.42 | 39.7 | 39.1 | 38.9 | 2.38 | 2.36 | 2.35 |
| Newspapers | 101.08 | 99.36 | 96.65 | 37.3 | 36.8 | 36.2 | 2.71 | 2.70 | 2.67 |
| Periodicals | 94.24 | 91.87 | 92.97 | 40.1 | 39.6 | 39.9 | 2.35 | 2.32 | 2.33 |
| Books | 82.62 | 82.01 | 80.60 | 40.5 | 40.4 | 40.1 | 2.04 | 2.03 | 2.01 |
| Commercial printing | 94.35 | 91.03 | 90.23 | 41.2 | 40.1 | 40.1 | 2.29 | 2.27 | 2.25 |
| Lithographing | 92.92 | 91.48 | 91.66 | 40.4 | 40.3 | 40.2 | 2.30 | 2.27 | 2.28 |
| Greeting cards | 59.36 | 57.48 | 56.68 | 38.8 | 39.1 | 38.3 | 1.53 | 1.47 | 1.48 |
| Bookbinding and related industries | 73.49 | 70.80 | 69.92 | 40.6 | 40.0 | 39.5 | 1.81 | 1.77 | 1.77 |
| Miscellaneous publishing and printing services | 109.81 | 109.85 | 109.18 | 39.5 | 39.8 | 39.7 | 2.78 | 2.76 | 2.75 |
| **CHEMICALS AND ALLIED PRODUCTS** | 85.27 | 85.07 | 82.39 | 41.8 | 41.7 | 41.4 | 2.04 | 2.04 | 1.99 |
| Industrial inorganic chemicals | 93.79 | 92.48 | 89.98 | 41.5 | 41.1 | 40.9 | 2.26 | 2.25 | 2.20 |
| Alkalies and chlorine | 91.88 | 90.83 | 87.89 | 41.2 | 41.1 | 40.5 | 2.23 | 2.21 | 2.17 |
| Industrial organic chemicals | 90.25 | 90.03 | 87.33 | 41.4 | 41.3 | 41.0 | 2.18 | 2.18 | 2.13 |
| Plastics, except synthetic rubber | 91.81 | 92.02 | 88.41 | 42.7 | 43.2 | 42.3 | 2.15 | 2.13 | 2.09 |
| Synthetic rubber | 101.22 | 100.14 | 97.81 | 42.0 | 41.9 | 41.8 | 2.41 | 2.39 | 2.34 |
| Synthetic fibers | 77.36 | 76.57 | 75.36 | 40.5 | 40.3 | 40.3 | 1.91 | 1.90 | 1.87 |
| Explosives | 83.82 | 83.62 | 81.20 | 40.3 | 40.2 | 40.0 | 2.08 | 2.08 | 2.03 |
| Drugs and medicines | 76.78 | 79.68 | 75.07 | 41.5 | 41.5 | 40.8 | 1.85 | 1.92 | 1.84 |
| Soap, cleaning and polishing preparations | 86.71 | 84.61 | 85.07 | 40.9 | 40.1 | 40.9 | 2.12 | 2.11 | 2.08 |
| Soap and glycerin | 94.13 | 90.39 | 91.88 | 40.4 | 39.3 | 40.3 | 2.33 | 2.30 | 2.28 |
| Paints, pigments, and fillers | 86.09 | 87.13 | 84.18 | 42.2 | 42.5 | 42.3 | 2.04 | 2.05 | 1.99 |
| Paints, varnishes, lacquers, and enamels | 84.00 | 85.22 | 82.29 | 42.0 | 42.4 | 42.2 | 2.00 | 2.01 | 1.95 |
| Gum and wood chemicals | 71.49 | 73.87 | 71.55 | 42.3 | 42.7 | 43.1 | 1.69 | 1.73 | 1.66 |
| Fertilizers | 66.46 | 64.37 | 63.75 | 42.6 | 41.8 | 42.5 | 1.56 | 1.54 | 1.50 |
| Vegetable and animal oils and fats | 72.53 | 72.06 | 71.14 | 47.1 | 47.1 | 45.6 | 1.54 | 1.53 | 1.56 |
| Vegetable oils | 66.50 | 66.24 | 65.21 | 47.5 | 48.0 | 45.6 | 1.40 | 1.38 | 1.43 |
| Animal oils and fats | 83.80 | 83.99 | 81.17 | 46.3 | 45.4 | 45.6 | 1.81 | 1.85 | 1.78 |
| Miscellaneous chemicals | 78.06 | 76.89 | 75.07 | 41.3 | 40.9 | 40.8 | 1.89 | 1.88 | 1.84 |
| Essential oils, perfumes, cosmetics | 66.17 | 64.62 | 63.34 | 40.1 | 39.4 | 39.1 | 1.65 | 1.64 | 1.62 |
| Compressed and liquified gases | 91.56 | 90.29 | 87.92 | 43.6 | 43.2 | 43.1 | 2.10 | 2.09 | 2.04 |
| **PRODUCTS OF PETROLEUM AND COAL** | 98.40 | 99.22 | 96.76 | 41.0 | 41.0 | 41.0 | 2.40 | 2.42 | 2.36 |
| Petroleum refining | 102.09 | 102.91 | 100.12 | 41.0 | 41.0 | 40.7 | 2.49 | 2.51 | 2.46 |
| Coke, other petroleum and coal products | 86.93 | 86.50 | 86.52 | 41.2 | 40.8 | 42.0 | 2.11 | 2.12 | 2.06 |
| **RUBBER PRODUCTS** | 88.99 | 92.01 | 86.94 | 41.2 | 42.4 | 41.6 | 2.16 | 2.17 | 2.09 |
| Tires and inner tubes | 98.85 | 106.26 | 101.09 | 39.7 | 42.0 | 41.6 | 2.49 | 2.53 | 2.43 |
| Rubber footwear | 74.12 | 77.89 | 70.53 | 40.5 | 42.1 | 40.3 | 1.83 | 1.85 | 1.75 |
| Other rubber products | 83.50 | 83.03 | 78.35 | 42.6 | 42.8 | 41.9 | 1.96 | 1.94 | 1.87 |
| **LEATHER AND LEATHER PRODUCTS** | 56.45 | 54.58 | 53.44 | 39.2 | 37.9 | 37.9 | 1.44 | 1.44 | 1.41 |
| Leather: tanned, curried, and finished | 75.48 | 74.74 | 72.40 | 40.8 | 40.4 | 40.0 | 1.85 | 1.85 | 1.81 |
| Industrial leather belting and packing | 73.49 | 75.72 | 72.34 | 40.6 | 42.3 | 41.1 | 1.81 | 1.79 | 1.76 |
| Boot and shoe cut stock and findings | 55.04 | 51.99 | 51.68 | 39.6 | 37.4 | 38.0 | 1.39 | 1.39 | 1.36 |
| Footwear (except rubber) | 53.82 | 50.69 | 50.36 | 39.0 | 37.0 | 37.3 | 1.38 | 1.37 | 1.35 |

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| **LEATHER AND LEATHER PRODUCTS - Continued** | | | | | | | | | |
| Luggage | $61.62 | $65.67 | $60.28 | 39.0 | 41.3 | 39.4 | $1.58 | $1.59 | $1.53 |
| Handbags and small leather goods | 49.79 | 50.95 | 48.39 | 38.6 | 38.6 | 38.1 | 1.29 | 1.32 | 1.27 |
| Gloves and miscellaneous leather goods | 48.89 | 48.26 | 46.25 | 38.8 | 38.3 | 37.0 | 1.26 | 1.26 | 1.25 |
| **STONE, CLAY, AND GLASS PRODUCTS** | 79.00 | 79.04 | 76.78 | 41.8 | 41.6 | 41.5 | 1.89 | 1.90 | 1.85 |
| Flat glass | 118.64 | 122.69 | 114.38 | 43.3 | 42.9 | 43.0 | 2.74 | 2.86 | 2.66 |
| Glass and glassware, pressed or blown | 77.57 | 77.20 | 74.82 | 40.4 | 40.0 | 39.8 | 1.92 | 1.93 | 1.88 |
| Glass containers | 77.76 | 76.81 | 76.19 | 40.5 | 39.8 | 40.1 | 1.92 | 1.93 | 1.90 |
| Pressed and blown glass | 77.18 | 77.99 | 73.08 | 40.2 | 40.2 | 39.5 | 1.92 | 1.94 | 1.85 |
| Glass products made of purchased glass | 70.72 | 69.14 | 65.19 | 42.6 | 41.9 | 41.0 | 1.66 | 1.65 | 1.59 |
| Cement, hydraulic | 78.69 | 78.50 | 78.66 | 41.2 | 41.1 | 41.4 | 1.91 | 1.91 | 1.90 |
| Structural clay products | 71.80 | 71.51 | 69.80 | 41.5 | 41.1 | 41.3 | 1.73 | 1.74 | 1.69 |
| Brick and hollow tile | 68.64 | 68.69 | 68.10 | 42.9 | 42.4 | 43.1 | 1.60 | 1.62 | 1.58 |
| Floor and wall tile | 72.36 | 70.88 | 69.60 | 40.2 | 39.6 | 40.0 | 1.80 | 1.79 | 1.74 |
| Sewer pipe | 70.24 | 70.82 | 69.26 | 40.6 | 40.7 | 40.5 | 1.73 | 1.74 | 1.71 |
| Clay refractories | 81.19 | 79.39 | 75.27 | 39.8 | 39.3 | 38.8 | 2.04 | 2.02 | 1.94 |
| Pottery and related products | 70.67 | 70.49 | 65.82 | 39.7 | 39.6 | 37.4 | 1.78 | 1.78 | 1.76 |
| Concrete, gypsum, and plaster products | 78.77 | 77.62 | 78.23 | 44.5 | 44.1 | 44.7 | 1.77 | 1.76 | 1.75 |
| Concrete products | 74.59 | 73.48 | 74.98 | 44.4 | 44.0 | 44.9 | 1.68 | 1.67 | 1.67 |
| Cut-stone and stone products | 69.66 | 68.20 | 67.94 | 43.0 | 42.1 | 42.2 | 1.62 | 1.62 | 1.61 |
| Miscellaneous nonmetallic mineral products | 81.58 | 82.39 | 81.12 | 41.2 | 41.4 | 41.6 | 1.98 | 1.99 | 1.95 |
| Abrasive products | 88.34 | 90.49 | 86.52 | 40.9 | 41.7 | 41.2 | 2.16 | 2.17 | 2.10 |
| Asbestos products | 81.16 | 83.82 | 84.67 | 41.2 | 41.7 | 43.2 | 1.97 | 2.01 | 1.96 |
| Nonclay refractories | 89.55 | 91.43 | 82.60 | 39.8 | 40.1 | 38.6 | 2.25 | 2.28 | 2.14 |
| **PRIMARY METAL INDUSTRIES** | 97.67 | 96.10 | 92.29 | 42.1 | 41.6 | 41.2 | 2.32 | 2.31 | 2.24 |
| Blast furnaces, steel works, and rolling mills | 102.51 | 99.72 | 96.63 | 41.5 | 40.7 | 40.6 | 2.47 | 2.45 | 2.38 |
| Blast furnaces, steel works, and rolling mills, except electrometallurgical products | 102.92 | 100.12 | 96.39 | 41.5 | 40.7 | 40.5 | 2.48 | 2.46 | 2.38 |
| Electrometallurgical products | 87.70 | 87.51 | 87.14 | 40.6 | 40.7 | 41.3 | 2.16 | 2.15 | 2.11 |
| Iron and steel foundries | 88.40 | 89.03 | 84.64 | 42.5 | 42.6 | 41.9 | 2.08 | 2.09 | 2.02 |
| Gray-iron foundries | 86.09 | 87.96 | 84.00 | 42.2 | 42.7 | 42.0 | 2.04 | 2.06 | 2.00 |
| Malleable-iron foundries | 87.14 | 85.90 | 83.82 | 42.3 | 41.9 | 41.7 | 2.06 | 2.05 | 2.01 |
| Steel foundries | 95.70 | 93.52 | 88.20 | 43.5 | 42.9 | 41.8 | 2.20 | 2.18 | 2.11 |
| Primary smelting and refining of nonferrous metals | 88.80 | 87.95 | 84.45 | 41.3 | 41.1 | 40.6 | 2.15 | 2.14 | 2.08 |
| Primary smelting and refining of copper, lead, and zinc | 85.70 | 85.91 | 81.61 | 41.4 | 41.5 | 40.6 | 2.07 | 2.07 | 2.01 |
| Primary refining of aluminum | 93.96 | 92.29 | 88.62 | 40.5 | 40.3 | 40.1 | 2.32 | 2.29 | 2.21 |
| Secondary smelting and refining of nonferrous metals | 85.80 | 84.58 | 82.03 | 42.9 | 42.5 | 42.5 | 2.00 | 1.99 | 1.93 |
| Rolling, drawing and alloying of nonferrous metals | 96.56 | 95.24 | 89.89 | 43.3 | 42.9 | 42.2 | 2.23 | 2.22 | 2.13 |
| Rolling, drawing, and alloying of copper | 102.60 | 101.25 | 93.53 | 45.4 | 45.0 | 43.5 | 2.26 | 2.25 | 2.15 |
| Rolling, drawing, and alloying of aluminum | 90.61 | 88.91 | 86.09 | 41.0 | 40.6 | 40.8 | 2.21 | 2.19 | 2.11 |
| Nonferrous foundries | 89.66 | 88.60 | 85.89 | 41.7 | 41.4 | 40.9 | 2.15 | 2.14 | 2.10 |
| Miscellaneous primary metal industries | 103.29 | 101.72 | 97.33 | 43.4 | 43.1 | 42.5 | 2.38 | 2.36 | 2.29 |
| Iron and steel forgings | 106.82 | 106.32 | 101.28 | 42.9 | 42.7 | 42.2 | 2.49 | 2.49 | 2.40 |
| Wire drawing | 102.31 | 100.07 | 96.32 | 44.1 | 43.7 | 43.0 | 2.32 | 2.29 | 2.24 |
| Welded and heavy-riveted pipe | 97.39 | 96.60 | 91.24 | 41.8 | 42.0 | 41.1 | 2.33 | 2.30 | 2.22 |

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| **FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT).** | $84.85 | $85.06 | $82.17 | 41.8 | 41.9 | 41.5 | $2.03 | $2.03 | $1.98 |
| Tin cans and other tinware | 89.04 | 85.47 | 85.69 | 42.0 | 40.7 | 41.8 | 2.12 | 2.10 | 2.05 |
| Cutlery, hand tools, and hardware | 82.54 | 81.93 | 79.30 | 41.9 | 41.8 | 41.3 | 1.97 | 1.96 | 1.92 |
| Cutlery and edge tools | 74.98 | 73.78 | 69.87 | 42.6 | 42.4 | 41.1 | 1.76 | 1.74 | 1.70 |
| Hand tools | 82.19 | 81.77 | 77.95 | 41.3 | 41.3 | 40.6 | 1.99 | 1.98 | 1.92 |
| Hardware | 85.06 | 84.44 | 82.78 | 41.9 | 41.8 | 41.6 | 2.03 | 2.02 | 1.99 |
| Heating apparatus (except electric) and plumbers' supplies | 80.20 | 79.19 | 78.18 | 40.3 | 40.2 | 40.3 | 1.99 | 1.97 | 1.94 |
| Sanitary ware and plumbers' supplies | 86.27 | 85.67 | 82.42 | 40.5 | 40.6 | 40.4 | 2.13 | 2.11 | 2.04 |
| Oil burners, nonelectric heating and cooking apparatus, not elsewhere classified | 77.18 | 76.40 | 76.17 | 40.2 | 40.0 | 40.3 | 1.92 | 1.91 | 1.89 |
| Fabricated structural metal products | 85.90 | 85.70 | 83.01 | 41.7 | 41.6 | 41.3 | 2.06 | 2.06 | 2.01 |
| Structural steel and ornamental metal work | 84.25 | 86.53 | 83.00 | 41.3 | 41.8 | 41.5 | 2.04 | 2.07 | 2.00 |
| Metal doors, sash, frames, molding, and trim | 86.11 | 82.42 | 82.82 | 41.8 | 40.6 | 41.0 | 2.06 | 2.03 | 2.02 |
| Boiler-shop products | 86.53 | 84.05 | 81.81 | 41.8 | 41.0 | 40.7 | 2.07 | 2.05 | 2.01 |
| Sheet-metal work | 88.62 | 87.98 | 84.64 | 42.4 | 42.3 | 41.9 | 2.09 | 2.08 | 2.02 |
| Metal stamping, coating, and engraving | 87.36 | 88.83 | 86.10 | 41.8 | 42.5 | 42.0 | 2.09 | 2.09 | 2.05 |
| Vitreous-enameled products | 62.83 | 65.40 | 64.78 | 37.4 | 39.4 | 39.5 | 1.68 | 1.66 | 1.64 |
| Stamped and pressed metal products | 90.52 | 91.81 | 89.25 | 42.1 | 42.7 | 42.3 | 2.15 | 2.15 | 2.11 |
| Lighting fixtures | 77.36 | 84.74 | 78.53 | 40.5 | 42.8 | 40.9 | 1.91 | 1.98 | 1.92 |
| Fabricated wire products | 80.48 | 79.68 | 77.87 | 41.7 | 41.5 | 41.2 | 1.93 | 1.92 | 1.89 |
| Miscellaneous fabricated metal products | 88.88 | 87.03 | 84.28 | 44.0 | 43.3 | 43.0 | 2.02 | 2.01 | 1.96 |
| Metal shipping barrels, drums, kegs, and pails | 92.16 | 89.40 | 90.74 | 41.7 | 41.2 | 42.4 | 2.21 | 2.17 | 2.14 |
| Steel springs | 94.79 | 92.40 | 89.45 | 42.7 | 42.0 | 41.8 | 2.22 | 2.20 | 2.14 |
| Bolts, nuts, washers, and rivets | 93.39 | 90.67 | 88.48 | 44.9 | 43.8 | 43.8 | 2.08 | 2.07 | 2.02 |
| Screw-machine products | 88.06 | 87.32 | 82.94 | 44.7 | 44.1 | 43.2 | 1.97 | 1.98 | 1.92 |
| **MACHINERY (EXCEPT ELECTRICAL)** | 93.10 | 91.16 | 87.36 | 43.1 | 42.4 | 41.8 | 2.16 | 2.15 | 2.09 |
| Engines and turbines | 95.60 | 92.74 | 90.86 | 42.3 | 41.4 | 41.3 | 2.26 | 2.24 | 2.20 |
| Steam engines, turbines, and water wheels | 97.99 | 93.30 | 91.96 | 41.0 | 39.7 | 39.3 | 2.39 | 2.35 | 2.34 |
| Diesel and other internal-combustion engines, not elsewhere classified | 95.00 | 92.80 | 90.72 | 42.6 | 41.8 | 42.0 | 2.23 | 2.22 | 2.16 |
| Agricultural machinery and tractors | 87.53 | 85.86 | 83.84 | 40.9 | 40.5 | 40.5 | 2.14 | 2.12 | 2.07 |
| Tractors | 91.88 | 90.17 | 87.94 | 41.2 | 40.8 | 40.9 | 2.23 | 2.21 | 2.15 |
| Agricultural machinery (except tractors) | 83.23 | 81.40 | 79.40 | 40.6 | 40.1 | 40.1 | 2.05 | 2.03 | 1.98 |
| Construction and mining machinery | 90.52 | 88.83 | 86.72 | 42.9 | 42.3 | 42.3 | 2.11 | 2.10 | 2.05 |
| Construction and mining machinery, except for oil fields | 89.88 | 88.41 | 86.51 | 42.8 | 42.3 | 42.2 | 2.10 | 2.09 | 2.05 |
| Oil-field machinery and tools | 92.45 | 89.46 | 86.70 | 43.2 | 42.4 | 42.5 | 2.14 | 2.11 | 2.04 |
| Metalworking machinery | 106.70 | 101.64 | 98.10 | 45.6 | 44.0 | 43.6 | 2.34 | 2.31 | 2.25 |
| Machine tools | 106.70 | 98.33 | 95.27 | 46.8 | 43.7 | 43.7 | 2.28 | 2.25 | 2.18 |
| Metalworking machinery (except machine tools) | 100.13 | 97.67 | 91.80 | 44.7 | 43.8 | 42.5 | 2.24 | 2.23 | 2.16 |
| Machine-tool accessories | 109.38 | 105.88 | 102.52 | 45.2 | 44.3 | 44.0 | 2.42 | 2.39 | 2.33 |
| Special-industry machinery (except metal-working machinery) | 88.13 | 85.85 | 83.38 | 43.2 | 42.5 | 41.9 | 2.04 | 2.02 | 1.99 |
| Food-products machinery | 87.77 | 85.91 | 84.66 | 42.4 | 41.5 | 41.5 | 2.07 | 2.07 | 2.04 |
| Textile machinery | 76.44 | 75.48 | 74.29 | 42.0 | 41.7 | 41.5 | 1.82 | 1.81 | 1.79 |
| Paper-industries machinery | 97.03 | 93.23 | 89.00 | 47.1 | 45.7 | 44.5 | 2.06 | 2.04 | 2.00 |
| Printing-trades machinery and equipment | 100.30 | 97.41 | 92.60 | 43.8 | 43.1 | 41.9 | 2.29 | 2.26 | 2.21 |

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| **MACHINERY (EXCEPT ELECTRICAL) - Continued** | | | | | | | | | |
| General industrial machinery | $93.96 | $90.95 | $86.53 | 43.7 | 42.7 | 41.8 | $2.15 | $2.13 | $2.07 |
| Pumps, air and gas compressors | 90.72 | 88.62 | 84.45 | 43.2 | 42.4 | 41.6 | 2.10 | 2.09 | 2.03 |
| Conveyors and conveying equipment | 97.02 | 92.00 | 87.34 | 44.1 | 42.2 | 41.2 | 2.20 | 2.18 | 2.12 |
| Blowers, exhaust and ventilating fans | 85.46 | 83.23 | 79.76 | 42.1 | 41.0 | 40.9 | 2.03 | 2.03 | 1.95 |
| Industrial trucks, tractors, etc | 96.92 | 91.98 | 86.92 | 45.5 | 43.8 | 42.4 | 2.13 | 2.10 | 2.05 |
| Mechanical power-transmission equipment | 99.01 | 96.80 | 90.31 | 44.8 | 44.2 | 42.8 | 2.21 | 2.19 | 2.11 |
| Mechanical stokers and industrial furnaces and ovens | 91.16 | 87.78 | 85.49 | 42.6 | 41.8 | 41.5 | 2.14 | 2.10 | 2.06 |
| Office and store machines and devices | 86.93 | 85.06 | 82.41 | 41.2 | 40.7 | 40.2 | 2.11 | 2.09 | 2.05 |
| Computing machines and cash registers | 93.07 | 91.13 | 89.06 | 41.0 | 40.5 | 40.3 | 2.27 | 2.25 | 2.21 |
| Typewriters | 82.54 | 80.70 | 76.38 | 41.9 | 41.6 | 40.2 | 1.97 | 1.94 | 1.90 |
| Service-industry and household machines | 90.95 | 88.60 | 83.64 | 42.3 | 41.4 | 40.8 | 2.15 | 2.14 | 2.05 |
| Domestic laundry equipment | 98.12 | 88.54 | 85.07 | 44.2 | 40.8 | 40.9 | 2.22 | 2.17 | 2.08 |
| Commercial laundry, dry-cleaning, and pressing machines | 82.12 | 81.45 | 78.25 | 41.9 | 42.2 | 41.4 | 1.96 | 1.93 | 1.89 |
| Sewing machines | 90.10 | 87.77 | 82.81 | 42.3 | 41.4 | 40.2 | 2.13 | 2.12 | 2.06 |
| Refrigerators and air-conditioning units | 91.79 | 90.06 | 84.46 | 42.3 | 41.5 | 40.8 | 2.17 | 2.17 | 2.07 |
| Miscellaneous machinery parts | 91.36 | 90.51 | 85.68 | 43.3 | 43.1 | 42.0 | 2.11 | 2.10 | 2.04 |
| Fabricated pipe, fittings, and valves | 87.36 | 86.53 | 83.03 | 42.0 | 41.8 | 40.9 | 2.08 | 2.07 | 2.03 |
| Ball and roller bearings | 97.22 | 97.20 | 90.92 | 44.8 | 45.0 | 43.5 | 2.17 | 2.16 | 2.09 |
| Machine shops (job and repair) | 91.14 | 89.66 | 85.45 | 43.4 | 42.9 | 42.3 | 2.10 | 2.09 | 2.02 |
| **ELECTRICAL MACHINERY** | 79.87 | 79.46 | 76.70 | 41.6 | 41.6 | 40.8 | 1.92 | 1.91 | 1.88 |
| Electrical generating, transmission, distribution, and industrial apparatus | 84.65 | 83.83 | 80.98 | 41.7 | 41.5 | 40.9 | 2.03 | 2.02 | 1.98 |
| Wiring devices and supplies | 74.80 | 74.57 | 71.15 | 41.1 | 41.2 | 40.2 | 1.82 | 1.81 | 1.77 |
| Carbon and graphite products (electrical) | 85.80 | 83.89 | 79.49 | 42.9 | 42.8 | 41.4 | 2.00 | 1.96 | 1.92 |
| Electrical indicating, measuring, and recording instruments | 78.06 | 76.89 | 74.37 | 41.3 | 40.9 | 40.2 | 1.89 | 1.88 | 1.85 |
| Motors, generators, and motor-generator sets | 90.52 | 88.60 | 85.90 | 42.1 | 41.4 | 41.1 | 2.15 | 2.14 | 2.09 |
| Power and distribution transformers | 81.20 | 81.80 | 84.03 | 40.0 | 40.1 | 41.6 | 2.03 | 2.04 | 2.02 |
| Switchgear, switchboard, and industrial controls | 86.09 | 86.50 | 79.98 | 42.2 | 42.4 | 40.6 | 2.04 | 2.04 | 1.97 |
| Electrical welding apparatus | 95.05 | 93.31 | 92.63 | 43.8 | 43.0 | 43.9 | 2.17 | 2.17 | 2.11 |
| Electrical appliances | 79.77 | 81.56 | 79.17 | 40.7 | 41.4 | 40.6 | 1.96 | 1.97 | 1.95 |
| Insulated wire and cable | 84.23 | 83.10 | 77.04 | 44.1 | 44.2 | 42.1 | 1.91 | 1.88 | 1.83 |
| Electrical equipment for vehicles | 86.32 | 85.07 | 83.64 | 41.5 | 40.9 | 41.2 | 2.08 | 2.08 | 2.03 |
| Electric lamps | 74.82 | 74.40 | 68.97 | 41.8 | 41.8 | 40.1 | 1.79 | 1.78 | 1.72 |
| Communication equipment | 75.53 | 75.53 | 72.67 | 41.5 | 41.5 | 40.6 | 1.82 | 1.82 | 1.79 |
| Radios, phonographs, television sets, and equipment | 71.81 | 71.81 | 69.77 | 40.8 | 40.8 | 40.1 | 1.76 | 1.76 | 1.74 |
| Radio tubes | 67.87 | 70.47 | 66.40 | 40.4 | 41.7 | 40.0 | 1.68 | 1.69 | 1.66 |
| Telephone, telegraph, and related equipment | 97.87 | 95.47 | 91.15 | 45.1 | 44.2 | 43.2 | 2.17 | 2.16 | 2.11 |
| Miscellaneous electrical products | 79.46 | 79.90 | 74.66 | 41.6 | 42.5 | 40.8 | 1.91 | 1.88 | 1.83 |
| Storage batteries | 90.50 | 90.93 | 85.69 | 43.3 | 43.3 | 41.8 | 2.09 | 2.10 | 2.05 |
| Primary batteries (dry and wet) | 63.68 | 63.52 | 61.23 | 39.8 | 40.2 | 39.5 | 1.60 | 1.58 | 1.55 |
| X-ray and non-radio electronic tubes | 86.31 | 86.11 | 82.21 | 41.1 | 41.6 | 40.9 | 2.10 | 2.07 | 2.01 |

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| **TRANSPORTATION EQUIPMENT** | $95.30 | $98.21 | $93.44 | 41.8 | 42.7 | 41.9 | $2.28 | $2.30 | $2.23 |
| Automobiles | 97.63 | 104.96 | 97.78 | 41.9 | 44.1 | 42.7 | 2.33 | 2.38 | 2.29 |
| Motor vehicles, bodies, parts, and accessories | 98.70 | 105.88 | 98.87 | 42.0 | 44.3 | 42.8 | 2.35 | 2.39 | 2.31 |
| Truck and bus bodies | 76.24 | 79.40 | 81.38 | 38.9 | 40.1 | 41.1 | 1.96 | 1.98 | 1.98 |
| Trailers (truck and automobile) | 89.46 | 89.68 | 84.64 | 42.2 | 42.5 | 41.9 | 2.12 | 2.11 | 2.02 |
| Aircraft and parts | 92.62 | 91.52 | 89.62 | 42.1 | 41.6 | 41.3 | 2.20 | 2.20 | 2.17 |
| Aircraft | 91.12 | 90.45 | 89.40 | 41.8 | 41.3 | 41.2 | 2.18 | 2.19 | 2.17 |
| Aircraft engines and parts | 96.73 | 92.57 | 88.97 | 42.8 | 41.7 | 41.0 | 2.26 | 2.22 | 2.17 |
| Aircraft propellers and parts | 95.40 | 101.47 | 90.69 | 42.4 | 45.5 | 41.6 | 2.25 | 2.23 | 2.18 |
| Other aircraft parts and equipment | 95.44 | 95.00 | 90.49 | 42.8 | 42.6 | 41.7 | 2.23 | 2.23 | 2.17 |
| Ship and boat building and repairing | 86.15 | 82.51 | 83.53 | 39.7 | 38.2 | 39.4 | 2.17 | 2.16 | 2.12 |
| Shipbuilding and repairing | 89.89 | 85.65 | 86.41 | 39.6 | 37.9 | 39.1 | 2.27 | 2.26 | 2.21 |
| Boatbuilding and repairing | 70.93 | 70.09 | 70.30 | 40.3 | 39.6 | 40.4 | 1.76 | 1.77 | 1.74 |
| Railroad equipment | 95.53 | 93.90 | 90.45 | 41.0 | 40.3 | 40.2 | 2.33 | 2.33 | 2.25 |
| Locomotives and parts | 94.85 | 97.67 | 94.05 | 41.6 | 42.1 | 41.8 | 2.28 | 2.32 | 2.25 |
| Railroad and street cars | 95.58 | 91.03 | 87.81 | 40.5 | 38.9 | 39.2 | 2.36 | 2.34 | 2.24 |
| Other transportation equipment | 77.33 | 81.18 | 77.87 | 40.7 | 42.5 | 41.2 | 1.90 | 1.91 | 1.89 |
| **INSTRUMENTS AND RELATED PRODUCTS** | 80.73 | 80.93 | 77.93 | 41.4 | 41.5 | 40.8 | 1.95 | 1.95 | 1.91 |
| Laboratory, scientific, and engineering instruments | 90.89 | 90.25 | 88.99 | 41.5 | 41.4 | 41.2 | 2.19 | 2.18 | 2.16 |
| Mechanical measuring and controlling instruments | 83.00 | 81.99 | 79.15 | 41.5 | 41.2 | 40.8 | 2.00 | 1.99 | 1.94 |
| Optical instruments and lenses | 81.99 | 81.79 | 78.17 | 41.2 | 41.1 | 40.5 | 1.99 | 1.99 | 1.93 |
| Surgical, medical, and dental instruments | 70.69 | 70.86 | 69.02 | 41.1 | 41.2 | 40.6 | 1.72 | 1.72 | 1.70 |
| Ophthalmic goods | 66.52 | 66.68 | 62.52 | 42.1 | 42.2 | 40.6 | 1.58 | 1.58 | 1.54 |
| Photographic apparatus | 89.87 | 89.45 | 85.70 | 41.8 | 41.8 | 41.2 | 2.15 | 2.14 | 2.08 |
| Watches and clocks | 71.96 | 73.69 | 69.20 | 40.2 | 41.4 | 40.0 | 1.79 | 1.78 | 1.73 |
| **MISCELLANEOUS MANUFACTURING INDUSTRIES** | 70.04 | 69.46 | 67.40 | 41.2 | 41.1 | 40.6 | 1.70 | 1.69 | 1.66 |
| Jewelry, silverware, and plated ware | 75.08 | 75.34 | 71.40 | 43.4 | 43.3 | 42.0 | 1.73 | 1.74 | 1.70 |
| Jewelry and findings | 71.34 | 69.76 | 67.04 | 43.5 | 42.8 | 41.9 | 1.64 | 1.63 | 1.60 |
| Silverware and plated ware | 83.81 | 87.27 | 79.95 | 43.2 | 44.3 | 42.3 | 1.94 | 1.97 | 1.89 |
| Musical instruments and parts | 78.81 | 78.96 | 75.07 | 41.7 | 42.0 | 40.8 | 1.89 | 1.88 | 1.84 |
| Toys and sporting goods | 61.46 | 62.33 | 60.68 | 38.9 | 39.7 | 39.4 | 1.58 | 1.57 | 1.54 |
| Games, toys, dolls, and children's vehicles | 59.35 | 62.09 | 60.28 | 37.8 | 39.8 | 39.4 | 1.57 | 1.56 | 1.53 |
| Sporting and athletic goods | 64.24 | 62.57 | 60.92 | 40.4 | 39.6 | 39.3 | 1.59 | 1.58 | 1.55 |
| Pens, pencils, other office supplies | 65.00 | 65.10 | 62.73 | 41.4 | 41.2 | 41.0 | 1.57 | 1.58 | 1.53 |
| Costume jewelry, buttons, notions | 64.37 | 63.18 | 60.30 | 41.8 | 40.5 | 40.2 | 1.54 | 1.56 | 1.50 |
| Fabricated plastics products | 73.81 | 74.16 | 72.80 | 41.7 | 41.9 | 41.6 | 1.77 | 1.77 | 1.75 |
| Other manufacturing industries | 73.98 | 72.16 | 70.30 | 41.1 | 41.0 | 40.4 | 1.80 | 1.76 | 1.74 |

## Table C-1: Hours and gross earnings of production workers or nonsupervisory employees - Continued

| Industry | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 | Dec. 1955 | Nov. 1955 | Avg. 1955 |
| ***TRANSPORTATION AND PUBLIC UTILITIES:*** | | | | | | | | | |
| **TRANSPORTATION:** | | | | | | | | | |
| Class I railroads**/ | (1/) | $84.35 | (1/) | (1/) | 42.6 | (1/) | (1/) | $1.98 | (1/) |
| Local railways and bus lines | $83.47 | 81.51 | $81.03 | 43.7 | 42.9 | 43.1 | $1.91 | 1.90 | $1.88 |
| **COMMUNICATION:** | | | | | | | | | |
| Telephone | 73.84 | 75.58 | 72.07 | 39.7 | 40.2 | 39.6 | 1.86 | 1.88 | 1.82 |
| Switchboard operating employees 2/ | 59.52 | 65.18 | 59.72 | 37.2 | 38.8 | 37.8 | 1.60 | 1.68 | 1.58 |
| Line construction, installation, and maintenance employees 3/ | 105.28 | 105.23 | 101.85 | 44.8 | 44.4 | 43.9 | 2.35 | 2.37 | 2.32 |
| Telegraph 4/ | 78.96 | 78.35 | 78.54 | 42.0 | 41.9 | 42.0 | 1.88 | 1.87 | 1.87 |
| **OTHER PUBLIC UTILITIES:** | | | | | | | | | |
| Gas and electric utilities | 89.23 | 89.23 | 86.52 | 41.5 | 41.5 | 41.2 | 2.15 | 2.15 | 2.10 |
| Electric light and power utilities | 91.08 | 90.47 | 88.17 | 41.4 | 41.5 | 41.2 | 2.20 | 2.18 | 2.14 |
| Gas utilities | 85.49 | 85.70 | 82.62 | 41.5 | 41.6 | 40.9 | 2.06 | 2.06 | 2.02 |
| Electric light and gas utilities combined | 90.06 | 89.62 | 87.57 | 41.5 | 41.3 | 41.5 | 2.17 | 2.17 | 2.11 |
| ***WHOLESALE AND RETAIL TRADE:*** | | | | | | | | | |
| **WHOLESALE TRADE** | 79.56 | 78.96 | 77.55 | 40.8 | 40.7 | 40.6 | 1.95 | 1.94 | 1.91 |
| **RETAIL TRADE (EXCEPT EATING AND DRINKING PLACES)** | 58.41 | 58.52 | 58.50 | 39.2 | 38.5 | 39.0 | 1.49 | 1.52 | 1.50 |
| General merchandise stores | 42.46 | 40.71 | 41.65 | 36.6 | 34.5 | 35.3 | 1.16 | 1.18 | 1.18 |
| Department stores and general mail-order houses | 49.26 | 46.24 | 47.39 | 37.6 | 35.3 | 35.9 | 1.31 | 1.31 | 1.32 |
| Food and liquor stores | 62.54 | 62.37 | 62.10 | 37.9 | 37.8 | 38.1 | 1.65 | 1.65 | 1.63 |
| Automotive and accessories dealers | 80.26 | 79.53 | 79.64 | 44.1 | 43.7 | 44.0 | 1.82 | 1.82 | 1.81 |
| Apparel and accessories stores | 48.91 | 46.50 | 46.82 | 36.5 | 34.7 | 35.2 | 1.34 | 1.34 | 1.33 |
| Other retail trade: | | | | | | | | | |
| Furniture and appliance stores | 71.55 | 68.72 | 66.94 | 43.1 | 41.9 | 42.1 | 1.66 | 1.64 | 1.59 |
| Lumber and hardware supply stores | 70.03 | 70.29 | 69.82 | 42.7 | 42.6 | 43.1 | 1.64 | 1.65 | 1.62 |
| ***FINANCE, INSURANCE, AND REAL ESTATE:*** | | | | | | | | | |
| Banks and trust companies | 60.68 | 60.49 | 59.27 | - | - | - | - | - | - |
| Security dealers and exchanges | 98.21 | 96.61 | 102.04 | - | - | - | - | - | - |
| Insurance carriers | 74.56 | 73.84 | 73.26 | - | - | - | - | - | - |
| ***SERVICE AND MISCELLANEOUS:*** | | | | | | | | | |
| Hotels and lodging places: | | | | | | | | | |
| Hotels, year-round 5/ | 41.90 | 41.60 | 41.18 | 41.9 | 41.6 | 41.6 | 1.00 | 1.00 | .99 |
| Personal services: | | | | | | | | | |
| Laundries | 41.31 | 41.11 | 40.70 | 40.5 | 40.3 | 40.3 | 1.02 | 1.02 | 1.01 |
| Cleaning and dyeing plants | 47.92 | 47.40 | 47.40 | 39.6 | 39.5 | 39.5 | 1.21 | 1.20 | 1.20 |
| Motion pictures: | | | | | | | | | |
| Motion-picture production and distribution | 95.03 | 95.17 | 93.84 | - | - | - | - | - | - |

1/ Not available.

2/ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. During 1954 such employees made up 43 percent of the total number of nonsupervisory employees in telephone establishments reporting hours and earnings data.

3/ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. During 1954 such employees made up 25 percent of the total number of nonsupervisory employees in telephone establishments reporting hours and earnings data.

4/ Data relate to domestic employees except messengers and those compensated entirely on a commission basis.

5/ Money payments only; additional value of board, room, uniforms, and tips, not included.

* - ANTHRACITE - September 1955 revised data are: $85.77, 33.9, and $2.53 - October 1955 data are: $93.53, 35.7, and $2.62.

** - CLASS I RAILROADS - August 1955 data are: $83.61, 43.1, and $1.94.

## Table C-2: Gross average weekly earnings of production workers in selected industries, in current and 1947-49 dollars

| Year | Manufacturing | | Bituminous-coal mining | | Laundries | | Year and month | Manufacturing | | Bituminous-coal mining | | Laundries | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current | 1947-49 | Current | 1947-49 | Current | 1947-49 | | Current | 1947-49 | Current | 1947-49 | Current | 1947-49 |
| Annual average: | | | | | | | Monthly data: | | | | | | |
| 1939..... | $23.86 | $40.17 | $23.88 | $40.20 | $17.64 | $29.70 | 1954 | | | | | | |
| 1940..... | 25.20 | 42.07 | 24.71 | 41.25 | 17.93 | 29.93 | Dec..... | $74.12 | $64.85 | $92.01 | $80.50 | $40.70 | $35.61 |
| 1941..... | 29.58 | 47.03 | 30.86 | 49.06 | 18.69 | 29.71 | | | | | | | |
| 1942..... | 36.65 | 52.58 | 35.02 | 50.24 | 20.34 | 29.18 | 1955 | | | | | | |
| 1943..... | 43.14 | 58.30 | 41.62 | 56.24 | 23.08 | 31.19 | Jan..... | 73.97 | 64.72 | 92.01 | 80.50 | 40.40 | 35.35 |
| 1944..... | 46.08 | 61.28 | 51.27 | 68.18 | 25.95 | 34.51 | Feb..... | 74.74 | 65.39 | 94.50 | 82.68 | 40.20 | 35.17 |
| 1945..... | 44.39 | 57.72 | 52.25 | 67.95 | 27.73 | 36.06 | Mar..... | 75.11 | 65.71 | 91.88 | 80.38 | 40.60 | 35.52 |
| 1946..... | 43.82 | 52.54 | 58.03 | 69.58 | 30.20 | 36.21 | Apr..... | 74.96 | 65.64 | 93.00 | 81.44 | 40.70 | 35.64 |
| 1947..... | 49.97 | 52.32 | 66.59 | 69.73 | 32.71 | 34.25 | May..... | 76.30 | 66.81 | 93.87 | 82.20 | 41.62 | 36.44 |
| 1948..... | 54.14 | 52.67 | 72.12 | 70.16 | 34.23 | 33.30 | June.... | 76.11 | 66.53 | 98.28 | 85.91 | 40.80 | 35.66 |
| 1949..... | 54.92 | 53.95 | 63.28 | 62.16 | 34.98 | 34.36 | July.... | 76.36 | 66.57 | 95.50 | 83.26 | 41.01 | 35.75 |
| 1950..... | 59.33 | 57.71 | 70.35 | 68.43 | 35.47 | 34.50 | Aug..... | 76.33 | 66.66 | 94.50 | 82.53 | 40.40 | 35.28 |
| 1951..... | 64.71 | 58.30 | 77.79 | 70.08 | 37.81 | 34.06 | Sept.... | 77.71 | 67.63 | 96.73 | 84.19 | 40.70 | 35.42 |
| 1952..... | 67.97 | 59.89 | 78.09 | 68.80 | 38.63 | 34.04 | Oct..... | 78.50 | 68.32 | 99.86 | 86.91 | 41.01 | 35.69 |
| 1953..... | 71.69 | 62.67 | 85.31 | 74.57 | 39.69 | 34.69 | Nov..... | 79.52 | 69.15 | 96.03 | 83.50 | 41.11 | 35.75 |
| 1954..... | 71.86 | 62.60 | 80.85 | 70.43 | 40.10 | 34.93 | Dec..... | 79.71 | 69.49 | 105.86 | 92.29 | 41.31 | 36.02 |
| 1955..... | 76.52 | 66.83 | 96.00 | 83.84 | 40.70 | 35.55 | | | | | | | |

## Table C-3: Average weekly earnings, gross and net spendable, of production workers in manufacturing, in current and 1947-49 dollars

| Year | Gross average weekly earnings | | Net spendable average weekly earnings | | | | Year and month | Gross average weekly earnings | | Net spendable average weekly earnings | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Amount | Index (1947-49 = 100) | Worker with no dependents | | Worker with 3 dependents | | | Amount | Index (1947-49 = 100) | Worker with no dependents | | Worker with 3 dependents | |
| | | | Current | 1947-49 | Current | 1947-49 | | | | Current | 1947-49 | Current | 1947-49 |
| Annual average: | | | | | | | Monthly data: | | | | | | |
| 1939..... | $23.86 | 45.1 | $23.58 | $39.70 | $23.62 | $39.76 | 1954 | | | | | | |
| 1940..... | 25.20 | 47.6 | 24.69 | 41.22 | 24.95 | 41.65 | Dec..... | $74.12 | 140.0 | $61.36 | $53.68 | $68.63 | $60.04 |
| 1941..... | 29.58 | 55.9 | 28.05 | 44.59 | 29.28 | 46.55 | | | | | | | |
| 1942..... | 36.65 | 69.2 | 31.77 | 45.58 | 36.28 | 52.05 | 1955 | | | | | | |
| 1943..... | 43.14 | 81.5 | 36.01 | 48.66 | 41.39 | 55.93 | Jan..... | 73.97 | 139.7 | 61.15 | 53.50 | 68.41 | 59.85 |
| 1944..... | 46.08 | 87.0 | 38.29 | 50.92 | 44.06 | 58.59 | Feb..... | 74.74 | 141.2 | 61.76 | 54.03 | 69.02 | 60.38 |
| 1945..... | 44.39 | 83.8 | 36.97 | 48.08 | 42.74 | 55.58 | Mar..... | 75.11 | 141.9 | 62.05 | 54.29 | 69.32 | 60.65 |
| 1946..... | 43.82 | 82.8 | 37.72 | 45.23 | 43.20 | 51.80 | Apr..... | 74.96 | 141.6 | 61.93 | 54.23 | 69.20 | 60.60 |
| 1947..... | 49.97 | 94.4 | 42.76 | 44.77 | 48.24 | 50.51 | May..... | 76.30 | 144.1 | 62.98 | 55.15 | 70.27 | 61.53 |
| 1948..... | 54.14 | 102.2 | 47.43 | 46.14 | 53.17 | 51.72 | June.... | 76.11 | 143.7 | 62.83 | 54.92 | 70.12 | 61.29 |
| 1949..... | 54.92 | 103.7 | 48.09 | 47.24 | 53.83 | 52.88 | July.... | 76.36 | 144.2 | 63.02 | 54.94 | 70.32 | 61.31 |
| 1950..... | 59.33 | 112.0 | 51.09 | 49.70 | 57.21 | 55.65 | Aug..... | 76.33 | 144.2 | 63.00 | 55.02 | 70.29 | 61.39 |
| 1951..... | 64.71 | 122.2 | 54.04 | 48.68 | 61.28 | 55.21 | Sept.... | 77.71 | 146.8 | 64.08 | 55.77 | 71.40 | 62.14 |
| 1952..... | 67.97 | 128.4 | 55.66 | 49.04 | 63.62 | 56.05 | Oct..... | 78.50 | 148.3 | 64.70 | 56.31 | 72.03 | 62.69 |
| 1953..... | 71.69 | 135.4 | 58.54 | 51.17 | 66.58 | 58.20 | Nov..... | 79.52 | 150.2 | 65.49 | 56.95 | 72.85 | 63.35 |
| 1954..... | 71.86 | 135.7 | 59.55 | 51.87 | 66.78 | 58.17 | Dec..... | 79.71 | 150.5 | 65.64 | 57.23 | 73.00 | 63.64 |
| 1955..... | 76.52 | 144.5 | 63.15 | 55.15 | 70.45 | 61.53 | | | | | | | |

## Table C-4: Average hourly earnings, gross and excluding overtime, and average weekly hours of production workers in manufacturing

| Year and month | Manufacturing | | | | Durable goods | | | Nondurable goods | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Average hourly earnings | | | Average weekly hours | Average hourly earnings | | Average weekly hours | Average hourly earnings | | Average weekly hours |
| | Gross | Excluding overtime | | | Gross | Excluding overtime | | Gross | Excluding overtime | |
| | | Amount | Index (1947-49 = 100) | | | | | | | |
| Annual average: | | | | | | | | | | |
| 1941..... | $0.729 | $0.702 | 54.5 | 40.6 | $0.808 | $0.770 | 42.1 | $0.640 | $0.625 | 38.9 |
| 1942..... | .853 | .805 | 62.5 | 42.9 | .947 | .881 | 45.1 | .723 | .698 | 40.3 |
| 1943..... | .961 | .894 | 69.4 | 44.9 | 1.059 | .976 | 46.6 | .803 | .763 | 42.5 |
| 1944..... | 1.019 | .947 | 73.5 | 45.2 | 1.117 | 1.029 | 46.6 | .861 | .814 | 43.1 |
| 1945..... | 1.023 | 1/.963 | 1/74.8 | 43.4 | 1.111 | 1/1.042 | 44.1 | .904 | 1/.858 | 42.3 |
| 1946..... | 1.086 | 1.051 | 81.6 | 40.4 | 1.156 | 1.122 | 40.2 | 1.015 | .981 | 40.5 |
| 1947..... | 1.237 | 1.198 | 93.0 | 40.4 | 1.292 | 1.250 | 40.6 | 1.171 | 1.133 | 40.1 |
| 1948..... | 1.350 | 1.310 | 101.7 | 40.1 | 1.410 | 1.366 | 40.5 | 1.278 | 1.241 | 39.6 |
| 1949..... | 1.401 | 1.367 | 106.1 | 39.2 | 1.469 | 1.434 | 39.5 | 1.325 | 1.292 | 38.8 |
| 1950..... | 1.465 | 1.415 | 109.9 | 40.5 | 1.537 | 1.480 | 41.2 | 1.378 | 1.337 | 39.7 |
| 1951..... | 1.59 | 1.53 | 118.8 | 40.7 | 1.67 | 1.60 | 41.6 | 1.48 | 1.43 | 39.5 |
| 1952..... | 1.67 | 1.61 | 125.0 | 40.7 | 1.77 | 1.70 | 41.5 | 1.54 | 1.49 | 39.6 |
| 1953..... | 1.77 | 1.71 | 132.8 | 40.5 | 1.87 | 1.80 | 41.3 | 1.61 | 1.56 | 39.5 |
| 1954..... | 1.81 | 1.76 | 136.6 | 39.7 | 1.92 | 1.86 | 40.2 | 1.66 | 1.61 | 39.0 |
| 1955..... | 1.88 | 1.82 | 141.3 | 40.7 | 2.01 | 1.93 | 41.4 | 1.71 | 1.65 | 39.8 |
| 1954: Dec... | 1.83 | 1.77 | 137.4 | 40.5 | 1.95 | 1.88 | 41.1 | 1.67 | 1.62 | 39.8 |
| 1955: Jan... | 1.84 | 1.78 | 138.2 | 40.2 | 1.96 | 1.89 | 40.9 | 1.68 | 1.63 | 39.3 |
| Feb... | 1.85 | 1.78 | 138.2 | 40.4 | 1.96 | 1.89 | 41.1 | 1.68 | 1.63 | 39.5 |
| Mar... | 1.85 | 1.79 | 139.0 | 40.6 | 1.97 | 1.89 | 41.4 | 1.68 | 1.63 | 39.7 |
| Apr... | 1.86 | 1.80 | 139.8 | 40.3 | 1.98 | 1.90 | 41.2 | 1.69 | 1.65 | 39.0 |
| May... | 1.87 | 1.80 | 139.8 | 40.8 | 1.99 | 1.91 | 41.6 | 1.70 | 1.65 | 39.6 |
| June.. | 1.87 | 1.80 | 139.8 | 40.7 | 1.99 | 1.91 | 41.2 | 1.70 | 1.65 | 39.9 |
| July.. | 1.89 | 1.82 | 141.3 | 40.4 | 2.02 | 1.94 | 40.9 | 1.71 | 1.66 | 39.7 |
| Aug... | 1.88 | 1.81 | 140.5 | 40.6 | 2.01 | 1.94 | 41.1 | 1.70 | 1.65 | 39.9 |
| Sept.. | 1.90 | 1.83 | 142.1 | 40.9 | 2.04 | 1.96 | 41.4 | 1.72 | 1.66 | 40.1 |
| Oct... | 1.91 | 1.84 | 142.9 | 41.1 | 2.04 | 1.96 | 41.7 | 1.72 | 1.67 | 40.3 |
| Nov... | 1.93 | 1.85 | 143.6 | 41.2 | 2.06 | 1.97 | 41.8 | 1.74 | 1.68 | 40.3 |
| Dec.. | 1.93 | 1.85 | 143.6 | 41.3 | 2.06 | 1.97 | 41.9 | 1.74 | 1.68 | 40.4 |

1/ 11-month average; August 1945 excluded because of VJ-day holiday period.

# Table C-5. Indexes of aggregate weekly man-hours in industrial and construction activity 1/

(1947-49 = 100)

| Year and month | TOTAL 2/ | Mining division | Contract construction division | Manufacturing division | Total: Durable goods | Total: Nondurable goods | Manufacturing - Durable goods | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | Ordnance and accessories | Lumber and wood products (except furniture) |
| 1947: Average.. | 103.6 | 105.1 | 94.6 | 104.8 | 106.1 | 103.1 | 101.2 | 107.0 |
| 1948: Average.. | 103.4 | 105.4 | 103.4 | 103.2 | 104.1 | 102.1 | 107.6 | 102.7 |
| 1949: Average.. | 93.0 | 89.5 | 102.0 | 92.0 | 89.7 | 94.7 | 91.1 | 90.3 |
| 1950: Average.. | 101.5 | 91.0 | 109.1 | 101.1 | 102.7 | 99.2 | 107.4 | 99.6 |
| 1951: Average.. | 109.5 | 95.0 | 124.1 | 108.4 | 115.7 | 99.7 | 290.4 | 102.7 |
| 1952: Average.. | 109.7 | 90.9 | 127.5 | 108.4 | 116.6 | 98.6 | 625.0 | 96.9 |
| 1953: Average.. | 113.3 | 87.5 | 123.1 | 113.6 | 125.2 | 99.7 | 798.5 | 93.0 |
| 1954: Average.. | 101.5 | 76.6 | 115.9 | 101.1 | 107.5 | 93.5 | 502.2 | 85.0 |
| 1955: Average.. | 106.8 | 77.9 | 114.3 | 107.7 | 116.3 | 97.5 | 392.3 | 91.8 |
| 1954: Dec..... | 102.9 | 77.4 | 108.9 | 103.8 | 110.5 | 95.8 | 429.0 | 88.4 |
| 1955: Jan..... | 99.9 | 76.8 | 96.0 | 102.0 | 109.4 | 93.2 | 415.6 | 84.2 |
| Feb..... | 100.8 | 76.4 | 92.4 | 103.6 | 111.5 | 94.2 | 411.6 | 85.5 |
| Mar..... | 103.0 | 76.0 | 100.6 | 105.2 | 113.6 | 95.2 | 410.8 | 84.6 |
| Apr..... | 103.1 | 75.7 | 106.1 | 104.5 | 114.3 | 92.8 | 400.8 | 86.2 |
| May..... | 106.1 | 77.7 | 117.2 | 106.4 | 116.7 | 94.0 | 399.1 | 91.7 |
| June..... | 108.0 | 80.4 | 122.3 | 107.8 | 117.2 | 96.6 | 395.2 | 99.5 |
| July..... | 107.2 | 78.6 | 128.7 | 106.0 | 114.2 | 96.2 | 386.5 | 95.6 |
| Aug..... | 109.8 | 78.7 | 129.3 | 109.1 | 115.8 | 101.2 | 383.9 | 99.3 |
| Sept..... | 111.5 | 78.3 | 132.3 | 110.7 | 117.7 | 102.4 | 383.9 | 97.5 |
| Oct..... | 111.7 | 78.9 | 125.1 | 112.0 | 120.1 | 102.2 | 372.3 | 96.4 |
| Nov..... | 110.8 | 77.4 | 113.4 | 112.6 | 122.2 | 101.2 | 375.9 | 92.1 |
| Dec..... | 110.2 | 79.4 | 107.7 | 112.6 | 122.7 | 100.6 | 371.9 | 89.2 |

| Year and month | Manufacturing - Durable goods - Continued | | | | | | |
|---|---|---|---|---|---|---|---|
| | Furniture and fixtures | Stone, clay, and glass products | Primary metal industries | Fabricated metal products | Machinery (except electrical) | Electrical machinery | Transportation equipment |
| 1947: Average.. | 103.3 | 102.8 | 105.4 | 106.7 | 108.3 | 111.1 | 102.9 |
| 1948: Average.. | 104.6 | 103.9 | 106.6 | 103.8 | 106.6 | 102.9 | 100.9 |
| 1949: Average.. | 92.1 | 93.3 | 88.0 | 89.4 | 85.1 | 86.0 | 96.3 |
| 1950: Average.. | 111.5 | 102.9 | 104.1 | 106.5 | 94.0 | 107.6 | 106.1 |
| 1951: Average.. | 105.9 | 111.4 | 115.7 | 115.8 | 116.9 | 123.7 | 124.5 |
| 1952: Average.. | 106.2 | 104.3 | 104.6 | 112.1 | 118.4 | 131.2 | 138.0 |
| 1953: Average.. | 108.5 | 106.6 | 113.9 | 123.4 | 119.0 | 147.1 | 158.6 |
| 1954: Average.. | 96.5 | 99.0 | 94.5 | 108.3 | 100.6 | 123.4 | 135.0 |
| 1955: Average.. | 105.2 | 108.0 | 111.5 | 115.8 | 105.4 | 131.6 | 149.6 |
| 1954: Dec..... | 101.7 | 101.6 | 98.7 | 111.5 | 97.5 | 127.7 | 146.0 |
| 1955: Jan..... | 98.0 | 98.9 | 100.7 | 109.1 | 97.6 | 125.7 | 147.1 |
| Feb..... | 101.3 | 99.8 | 103.2 | 110.6 | 99.6 | 126.6 | 150.9 |
| Mar..... | 102.0 | 103.3 | 106.5 | 113.2 | 102.2 | 127.0 | 154.4 |
| Apr..... | 99.2 | 105.1 | 109.0 | 113.6 | 104.4 | 127.3 | 153.7 |
| May..... | 100.1 | 108.0 | 112.4 | 116.0 | 106.6 | 128.6 | 155.2 |
| June..... | 103.3 | 110.6 | 114.0 | 116.2 | 107.3 | 129.1 | 145.8 |
| July..... | 100.0 | 107.6 | 109.7 | 113.2 | 103.7 | 124.3 | 147.9 |
| Aug..... | 108.6 | 112.1 | 110.9 | 116.0 | 103.6 | 129.5 | 141.6 |
| Sept..... | 111.9 | 113.4 | 116.8 | 118.7 | 104.4 | 134.5 | 139.6 |
| Oct..... | 113.3 | 113.5 | 116.3 | 121.2 | 108.9 | 143.4 | 142.8 |
| Nov..... | 112.4 | 112.1 | 117.9 | 121.4 | 110.9 | 141.0 | 158.4 |
| Dec..... | 112.5 | 111.4 | 120.4 | 120.5 | 115.2 | 141.7 | 158.1 |

See footnotes at end of table.

## Table C-5. Indexes of aggregate weekly man-hours in industrial and construction activity 1/ Continued

(1947-49 = 100)

| Year and month | Manufacturing - Durable goods-Con. | | Manufacturing - Nondurable goods | | | |
|---|---|---|---|---|---|---|
| | Instruments and related products | Miscellaneous manufacturing industries | Food and kindred products | Tobacco manufactures | Textile-mill products | Apparel and other finished textile products |
| 1947: Average.. | 107.5 | 104.6 | 103.9 | 105.9 | 104.5 | 99.6 |
| 1948: Average.. | 103.0 | 104.2 | 100.0 | 101.0 | 105.7 | 101.6 |
| 1949: Average.. | 89.5 | 91.2 | 96.1 | 93.1 | 89.9 | 98.8 |
| 1950: Average.. | 97.4 | 101.3 | 95.2 | 89.2 | 100.1 | 103.0 |
| 1951: Average.. | 117.5 | 103.1 | 95.9 | 91.2 | 96.0 | 101.9 |
| 1952: Average.. | 122.7 | 100.5 | 94.7 | 92.2 | 90.7 | 104.5 |
| 1953: Average.. | 129.9 | 109.5 | 93.7 | 90.1 | 89.8 | 106.9 |
| 1954: Average.. | 114.9 | 98.0 | 90.3 | 87.8 | 78.7 | 99.0 |
| 1955: Average.. | 115.5 | 101.2 | 90.4 | 89.1 | 82.9 | 106.1 |
| 1954: Dec..... | 113.7 | 98.3 | 88.0 | 95.4 | 83.2 | 103.6 |
| 1955: Jan..... | 112.2 | 93.9 | 82.3 | 85.4 | 81.4 | 102.4 |
| Feb..... | 112.9 | 97.4 | 79.8 | 81.4 | 83.0 | 107.6 |
| Mar..... | 114.2 | 99.3 | 80.4 | 77.2 | 83.0 | 109.5 |
| Apr..... | 113.1 | 97.7 | 81.6 | 72.0 | 80.2 | 100.1 |
| May..... | 110.4 | 99.4 | 85.1 | 76.9 | 80.4 | 100.5 |
| June..... | 115.5 | 101.1 | 90.4 | 79.7 | 81.7 | 102.9 |
| July..... | 113.1 | 95.6 | 96.4 | 75.2 | 79.6 | 98.1 |
| Aug..... | 114.9 | 101.5 | 102.8 | 102.6 | 83.6 | 108.1 |
| Sept..... | 118.3 | 106.1 | 103.8 | 114.0 | 84.2 | 109.2 |
| Oct..... | 119.7 | 109.2 | 99.1 | 115.2 | 85.1 | 111.3 |
| Nov..... | 120.2 | 108.1 | 93.9 | 96.0 | 86.6 | 111.8 |
| Dec..... | 121.1 | 105.2 | 89.3 | 93.4 | 86.7 | 111.9 |

| Year and month | Manufacturing - Nondurable goods - Continued | | | | | |
|---|---|---|---|---|---|---|
| | Paper and allied products | Printing, publishing, and allied industries | Chemicals and allied products | Products of petroleum and coal | Rubber products | Leather and leather products |
| 1947: Average.. | 102.6 | 101.4 | 103.3 | 99.0 | 109.8 | 105.8 |
| 1948: Average.. | 102.3 | 100.5 | 102.6 | 102.7 | 102.0 | 100.8 |
| 1949: Average.. | 95.1 | 98.0 | 94.1 | 98.3 | 88.1 | 93.4 |
| 1950: Average.. | 105.4 | 99.5 | 97.2 | 97.3 | 101.9 | 97.8 |
| 1951: Average.. | 109.9 | 101.6 | 105.5 | 102.1 | 108.5 | 92.1 |
| 1952: Average.. | 105.9 | 102.7 | 104.7 | 98.2 | 108.4 | 96.9 |
| 1953: Average.. | 111.6 | 105.4 | 108.1 | 100.9 | 111.6 | 96.5 |
| 1954: Average.. | 109.2 | 104.4 | 103.5 | 95.7 | 97.0 | 89.9 |
| 1955: Average.. | 114.0 | 107.4 | 107.3 | 93.9 | 114.3 | 95.3 |
| 1954: Dec..... | 110.7 | 107.0 | 104.7 | 92.2 | 108.5 | 93.3 |
| 1955: Jan..... | 108.7 | 103.3 | 103.9 | 91.2 | 108.3 | 94.0 |
| Feb..... | 109.3 | 104.0 | 104.4 | 90.3 | 108.6 | 98.6 |
| Mar..... | 110.5 | 105.7 | 107.4 | 92.7 | 109.1 | 98.4 |
| Apr..... | 110.1 | 105.1 | 107.7 | 93.7 | 110.9 | 90.9 |
| May..... | 111.7 | 105.5 | 107.6 | 95.7 | 114.0 | 89.6 |
| June..... | 113.8 | 106.7 | 106.9 | 96.1 | 116.4 | 95.5 |
| July..... | 113.5 | 106.0 | 105.7 | 97.0 | 112.0 | 94.8 |
| Aug..... | 116.4 | 106.8 | 105.9 | 95.8 | 112.4 | 99.1 |
| Sept..... | 118.2 | 110.2 | 108.6 | 95.3 | 116.3 | 94.9 |
| Oct..... | 118.6 | 110.7 | 109.4 | 94.6 | 119.4 | 95.3 |
| Nov..... | 119.0 | 111.4 | 109.9 | 92.5 | 123.2 | 92.8 |
| Dec..... | 118.7 | 112.5 | 110.6 | 92.4 | 121.1 | 100.0 |

1/ Aggregate man-hours are for the weekly pay period ending nearest the 15th of the month and do not represent totals for the month. For mining and manufacturing industries, data refer to production and related workers. For contract construction, the data relate to construction workers.

2/ Includes only the divisions shown.

## Table C-6: Hours and gross earnings of production workers in manufacturing industries for selected States and areas

| State and area | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1955 | | 1954 | 1955 | | 1954 | 1955 | | 1954 |
| | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. |
| ALABAMA | $63.55 | $63.14 | $58.29 | 41.0 | 41.0 | 40.2 | $1.55 | $1.54 | $1.45 |
| Birmingham | 82.00 | 81.79 | 72.47 | 41.0 | 41.1 | 39.6 | 2.00 | 1.99 | 1.83 |
| Mobile | 71.63 | 71.96 | 72.28 | 40.7 | 40.2 | 41.3 | 1.76 | 1.79 | 1.75 |
| ARIZONA | 87.36 | 86.74 | 80.77 | 42.0 | 41.7 | 41.0 | 2.08 | 2.08 | 1.97 |
| Phoenix | 85.28 | 83.21 | 79.79 | 41.0 | 40.2 | 40.3 | 2.08 | 2.07 | 1.98 |
| ARKANSAS | 54.23 | 54.23 | 52.48 | 41.4 | 41.4 | 41.0 | 1.31 | 1.31 | 1.28 |
| Little Rock-N. Little Rock | 52.74 | 52.96 | 51.34 | 41.2 | 41.7 | 41.4 | 1.28 | 1.27 | 1.24 |
| CALIFORNIA | 87.32 | 86.40 | 83.27 | 40.7 | 40.4 | 40.3 | 2.15 | 2.14 | 2.06 |
| Fresno | 77.17 | 73.70 | 72.93 | 39.7 | 38.0 | 38.1 | 1.95 | 1.94 | 1.91 |
| Los Angeles-Long Beach | 87.74 | 87.25 | 83.78 | 41.2 | 41.1 | 41.1 | 2.13 | 2.12 | 2.04 |
| Sacramento | 79.20 | 79.63 | 79.14 | 37.3 | 37.8 | 38.4 | 2.12 | 2.11 | 2.06 |
| San Bernardino-Riverside-Ontario | 84.76 | 83.77 | 78.31 | 40.4 | 40.1 | 39.3 | 2.10 | 2.09 | 1.99 |
| San Diego | 90.24 | 87.05 | 85.16 | 42.1 | 40.5 | 40.7 | 2.14 | 2.15 | 2.09 |
| San Francisco-Oakland | 88.75 | 87.11 | 84.89 | 39.4 | 38.9 | 39.4 | 2.25 | 2.24 | 2.16 |
| San Jose | 85.68 | 80.42 | 79.32 | 40.3 | 38.8 | 39.1 | 2.12 | 2.07 | 2.03 |
| Stockton | 79.76 | 77.11 | 76.85 | 38.9 | 37.8 | 38.8 | 2.05 | 2.04 | 1.98 |
| COLORADO | 78.94 | 79.90 | 73.23 | 40.9 | 41.4 | 39.8 | 1.93 | 1.93 | 1.84 |
| Denver | 81.56 | 81.16 | 73.45 | 41.4 | 41.2 | 39.7 | 1.97 | 1.97 | 1.85 |
| CONNECTICUT | 83.42 | 82.56 | 75.38 | 43.0 | 43.0 | 41.3 | 1.94 | 1.92 | 1.83 |
| Bridgeport | 86.43 | 85.17 | 77.90 | 43.0 | 42.8 | 41.0 | 2.01 | 1.99 | 1.90 |
| Hartford | 88.31 | 85.93 | 79.80 | 43.5 | 43.4 | 42.0 | 2.03 | 1.98 | 1.90 |
| New Britain | 82.21 | 81.13 | 71.42 | 43.0 | 42.7 | 39.9 | 1.91 | 1.90 | 1.79 |
| New Haven | 77.70 | 76.31 | 71.63 | 42.0 | 41.7 | 40.7 | 1.85 | 1.83 | 1.76 |
| Stamford | 86.53 | 86.36 | 81.40 | 41.6 | 41.7 | 40.7 | 2.08 | 2.07 | 2.00 |
| Waterbury | 87.71 | 85.70 | 74.30 | 44.3 | 43.5 | 40.6 | 1.98 | 1.97 | 1.83 |
| DELAWARE | 81.96 | 83.21 | 74.44 | 41.5 | 41.9 | 40.7 | 1.98 | 1.99 | 1.83 |
| Wilmington | 94.53 | 96.24 | 88.86 | 41.9 | 42.1 | 41.6 | 2.26 | 2.29 | 2.14 |
| FLORIDA | 59.50 | 58.52 | 58.23 | 41.9 | 41.5 | 42.5 | 1.42 | 1.41 | 1.37 |
| Jacksonville | 61.93 | 62.56 | (1/) | 39.7 | 40.1 | (1/) | 1.56 | 1.56 | (1/) |
| Miami | 60.79 | 59.79 | (1/) | 40.8 | 40.4 | (1/) | 1.49 | 1.48 | (1/) |
| Tampa-St. Petersburg | 63.08 | 58.92 | 59.50 | 43.5 | 41.2 | 42.5 | 1.45 | 1.43 | 1.40 |
| GEORGIA | 56.86 | 57.41 | 52.53 | 41.2 | 41.3 | 40.1 | 1.38 | 1.39 | 1.31 |
| Atlanta | 71.28 | 74.52 | 65.93 | 41.2 | 42.1 | 40.7 | 1.73 | 1.77 | 1.62 |
| Savannah | 73.70 | 69.63 | 69.93 | 43.1 | 41.2 | 42.9 | 1.71 | 1.69 | 1.63 |
| IDAHO | 85.97 | 81.12 | 79.15 | 43.2 | 41.6 | 42.1 | 1.99 | 1.95 | 1.88 |
| ILLINOIS | 86.16 | 85.53 | 78.87 | 41.9 | 41.7 | 40.7 | 2.06 | 2.05 | 1.94 |
| Chicago | 89.84 | 89.02 | 82.01 | 42.0 | 41.8 | 40.7 | 2.14 | 2.13 | 2.01 |
| INDIANA | 87.54 | 86.36 | 80.33 | 41.8 | 41.4 | 40.7 | 2.09 | 2.09 | 1.97 |
| IOWA | (1/) | 78.20 | 75.04 | (1/) | 41.4 | 41.6 | (1/) | 1.89 | 1.80 |
| Des Moines | (1/) | 81.89 | 78.44 | (1/) | 39.8 | 39.3 | (1/) | 2.06 | 2.00 |
| KANSAS | 83.60 | 82.24 | 81.52 | 42.4 | 42.0 | 42.4 | 1.97 | 1.96 | 1.92 |
| Topeka | 78.81 | 81.77 | 83.31 | 41.2 | 43.2 | 45.0 | 1.91 | 1.89 | 1.85 |
| Wichita | 86.32 | 84.98 | 86.28 | 41.9 | 41.3 | 43.1 | 2.06 | 2.06 | 2.00 |

See footnotes at end of table.

## Table C-6: Hours and gross earnings of production workers in manufacturing industries for selected States and areas - Continued

| State and area | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1955 | | 1954 | 1955 | | 1954 | 1955 | | 1954 |
| | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. |
| KENTUCKY | (1/) | $74.81 | $67.66 | (1/) | 41.0 | 40.6 | (1/) | $1.82 | $1.67 |
| Louisville | (1/) | 83.93 | (1/) | (1/) | 41.8 | (1/) | (1/) | 2.01 | (1/) |
| LOUISIANA | $71.55 | 70.85 | 65.72 | 43.1 | 43.2 | 42.4 | $1.66 | 1.64 | 1.55 |
| Baton Rouge | 98.12 | 100.36 | 90.54 | 41.4 | 41.3 | 40.6 | 2.37 | 2.43 | 2.23 |
| New Orleans | 69.08 | 68.40 | 65.90 | 40.4 | 40.0 | 39.7 | 1.71 | 1.71 | 1.66 |
| MAINE | 63.28 | 59.41 | 59.06 | 42.2 | 39.9 | 40.8 | 1.50 | 1.49 | 1.45 |
| Portland | 67.20 | 63.52 | 61.10 | 42.5 | 40.9 | 40.2 | 1.58 | 1.55 | 1.52 |
| MARYLAND | 77.87 | 76.98 | 72.30 | 41.2 | 41.1 | 40.6 | 1.89 | 1.87 | 1.78 |
| Baltimore | 82.58 | 81.80 | 76.26 | 41.6 | 41.4 | 40.9 | 1.99 | 1.97 | 1.87 |
| MASSACHUSETTS | 72.10 | 71.05 | 67.20 | 41.2 | 40.6 | 40.0 | 1.75 | 1.75 | 1.68 |
| Boston | 74.44 | 73.20 | 69.87 | 40.9 | 40.0 | 39.7 | 1.82 | 1.83 | 1.76 |
| Fall River | 55.44 | 55.68 | 54.32 | 38.5 | 38.4 | 38.8 | 1.44 | 1.45 | 1.40 |
| New Bedford | 58.46 | 59.74 | 57.42 | 39.5 | 39.3 | 39.6 | 1.48 | 1.52 | 1.45 |
| Springfield-Holyoke | 77.98 | 77.56 | 72.85 | 41.7 | 41.7 | 40.7 | 1.87 | 1.86 | 1.79 |
| Worcester | 84.77 | 81.93 | 74.34 | 42.6 | 41.8 | 40.4 | 1.99 | 1.96 | 1.84 |
| MICHIGAN | 96.22 | 98.78 | 95.26 | 42.0 | 42.8 | 43.2 | 2.29 | 2.31 | 2.21 |
| Detroit | 97.73 | 102.34 | 101.30 | 41.2 | 42.5 | 43.7 | 2.37 | 2.41 | 2.32 |
| Flint | 107.74 | 107.16 | 98.73 | 44.3 | 44.3 | 43.8 | 2.43 | 2.42 | 2.25 |
| Grand Rapids | 86.68 | 86.07 | 84.34 | 42.1 | 41.6 | 41.9 | 2.06 | 2.07 | 2.01 |
| Lansing | 111.94 | 119.87 | 94.55 | 45.8 | 48.1 | 42.4 | 2.44 | 2.49 | 2.23 |
| Muskegon | 93.46 | 90.38 | 84.96 | 42.5 | 41.4 | 40.4 | 2.20 | 2.18 | 2.10 |
| Saginaw | 89.42 | 98.56 | 87.19 | 41.0 | 43.9 | 41.7 | 2.18 | 2.25 | 2.09 |
| MINNESOTA | 82.27 | 81.99 | 76.38 | 42.0 | 41.9 | 41.1 | 1.96 | 1.96 | 1.86 |
| Duluth | 81.02 | 81.41 | 75.66 | 39.1 | 39.6 | 39.4 | 2.07 | 2.06 | 1.92 |
| Minneapolis-St. Paul | 83.99 | 83.90 | 77.98 | 41.5 | 41.5 | 40.5 | 2.02 | 2.02 | 1.93 |
| MISSISSIPPI | 51.36 | 50.58 | 48.96 | 42.1 | 41.8 | 40.8 | 1.22 | 1.21 | 1.20 |
| Jackson | (1/) | 59.45 | 51.18 | (1/) | 44.7 | 40.3 | (1/) | 1.33 | 1.27 |
| MISSOURI | 74.44 | 74.75 | 69.50 | 40.5 | 40.2 | 39.6 | 1.84 | 1.86 | 1.76 |
| Kansas City | 83.83 | 85.12 | 78.26 | 41.8 | 42.3 | 40.5 | 2.00 | 2.01 | 1.93 |
| St. Louis | 81.86 | 80.69 | 75.78 | 40.9 | 40.2 | 40.1 | 2.00 | 2.01 | 1.89 |
| MONTANA | 87.07 | 85.51 | 79.82 | 40.6 | 40.7 | 39.9 | 2.15 | 2.10 | 2.00 |
| NEBRASKA | 77.59 | 78.64 | 70.65 | 43.1 | 43.7 | 42.3 | 1.80 | 1.80 | 1.67 |
| Omaha | 85.27 | 85.84 | 74.91 | 44.8 | 45.4 | 42.8 | 1.90 | 1.89 | 1.75 |
| NEVADA | 89.93 | 88.01 | 87.02 | 39.1 | 38.6 | 40.1 | 2.30 | 2.28 | 2.17 |
| NEW HAMPSHIRE | 62.70 | 61.50 | 59.62 | 41.8 | 41.0 | 41.4 | 1.50 | 1.50 | 1.44 |
| Manchester | 58.69 | 56.36 | 56.77 | 40.2 | 38.6 | 39.7 | 1.46 | 1.46 | 1.43 |
| NEW JERSEY | 82.64 | 82.07 | 76.95 | 41.3 | 41.2 | 40.5 | 2.00 | 1.99 | 1.90 |
| Newark-Jersey City | 84.54 | 83.14 | 77.51 | 41.5 | 41.2 | 40.2 | 2.04 | 2.02 | 1.93 |
| Paterson | 82.25 | 82.50 | 78.31 | 41.9 | 41.9 | 41.7 | 1.96 | 1.97 | 1.88 |
| Perth Amboy | 83.92 | 83.23 | 78.07 | 41.2 | 41.1 | 40.6 | 2.04 | 2.02 | 1.92 |
| Trenton | 81.39 | 82.19 | 76.01 | 41.4 | 41.7 | 40.8 | 1.97 | 1.97 | 1.86 |
| NEW MEXICO | 82.42 | 78.40 | 2/82.20 | 40.6 | 39.2 | 2/41.1 | 2.03 | 2.00 | 2/2.00 |
| Albuquerque | (1/) | 81.36 | 78.02 | (1/) | 41.3 | 41.5 | (1/) | 1.97 | 1.88 |

See footnotes at end of table.

## Table C-6: Hours and gross earnings of production workers in manufacturing industries for selected States and areas - Continued

| State and area | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1955 | | 1954 | 1955 | | 1954 | 1955 | | 1954 |
| | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. |
| NEW YORK | $78.08 | $77.52 | $73.61 | 40.1 | 40.0 | 39.5 | $1.95 | $1.94 | $1.87 |
| Albany-Schenectady-Troy | 85.46 | 87.45 | 78.50 | 41.1 | 41.7 | 40.1 | 2.08 | 2.10 | 1.96 |
| Binghamton | 72.69 | 73.32 | 68.14 | 40.0 | 40.2 | 39.0 | 1.82 | 1.82 | 1.75 |
| Buffalo | 94.00 | 93.50 | 88.36 | 41.9 | 41.8 | 41.8 | 2.24 | 2.24 | 2.11 |
| Elmira | 78.74 | 80.13 | 75.43 | 41.0 | 41.6 | 40.5 | 1.92 | 1.93 | 1.86 |
| Nassau and Suffolk Counties | 86.60 | 84.37 | 85.56 | 41.6 | 40.7 | 41.4 | 2.08 | 2.07 | 2.07 |
| New York City | 73.63 | 73.19 | 70.23 | 38.4 | 38.4 | 38.0 | 1.92 | 1.91 | 1.85 |
| Rochester | 85.28 | 84.33 | 77.23 | 41.4 | 41.2 | 40.0 | 2.06 | 2.05 | 1.93 |
| Syracuse | 84.61 | 83.41 | 76.92 | 42.2 | 41.9 | 40.8 | 2.00 | 1.99 | 1.89 |
| Utica-Rome | 79.37 | 78.67 | 70.88 | 42.1 | 42.3 | 40.1 | 1.89 | 1.86 | 1.77 |
| Westchester County | 75.74 | 77.89 | 75.21 | 40.1 | 41.1 | 40.5 | 1.89 | 1.89 | 1.86 |
| NORTH CAROLINA | 54.65 | 53.97 | 50.93 | 41.4 | 41.2 | 40.1 | 1.32 | 1.31 | 1.27 |
| Charlotte | 58.51 | 57.27 | 54.10 | 42.4 | 41.8 | 41.3 | 1.38 | 1.37 | 1.31 |
| Greensboro-High Point | 53.33 | 52.80 | 50.96 | 39.5 | 39.4 | 39.2 | 1.35 | 1.34 | 1.30 |
| NORTH DAKOTA | 72.31 | 74.63 | 66.94 | 43.8 | 43.8 | 43.9 | 1.65 | 1.71 | 1.53 |
| Fargo | 82.32 | 89.90 | 74.60 | 45.6 | 46.3 | 43.7 | 1.81 | 1.94 | 1.71 |
| OHIO | 91.48 | 90.78 | 82.72 | 41.9 | 41.8 | 40.7 | 2.18 | 2.17 | 2.03 |
| Akron | 92.03 | 93.53 | (1/) | 39.3 | 39.9 | (1/) | 2.34 | 2.34 | (1/) |
| Cincinnati | 84.32 | 84.33 | 78.67 | 42.2 | 42.3 | 41.4 | 2.00 | 1.99 | 1.90 |
| Cleveland | 96.78 | 95.47 | 86.12 | 43.0 | 42.7 | 41.3 | 2.25 | 2.24 | 2.09 |
| Dayton | 99.84 | 99.03 | (1/) | 42.9 | 42.8 | (1/) | 2.33 | 2.31 | (1/) |
| OKLAHOMA | 77.23 | 75.24 | 71.86 | 42.2 | 41.8 | 41.3 | 1.83 | 1.80 | 1.74 |
| Oklahoma City | 74.90 | 74.04 | 69.17 | 42.8 | 42.8 | 42.7 | 1.75 | 1.73 | 1.62 |
| Tulsa | 84.22 | 82.37 | 78.12 | 41.9 | 41.6 | 40.9 | 2.01 | 1.98 | 1.91 |
| OREGON | 90.00 | 86.79 | 86.76 | 39.3 | 38.2 | 39.6 | 2.29 | 2.27 | 2.19 |
| Portland | 83.46 | 81.76 | 80.23 | 38.8 | 38.1 | 38.7 | 2.15 | 2.15 | 2.07 |
| PENNSYLVANIA | 80.10 | 79.33 | 72.16 | 40.4 | 40.3 | 39.1 | 1.98 | 1.97 | 1.85 |
| Allentown-Bethlehem-Easton | 76.13 | 75.74 | 63.68 | 39.9 | 39.8 | 36.6 | 1.91 | 1.90 | 1.74 |
| Erie | 82.78 | 82.25 | 76.44 | 41.6 | 41.9 | 40.4 | 1.99 | 1.96 | 1.89 |
| Harrisburg | 70.65 | 70.59 | 58.73 | 40.3 | 40.5 | 37.1 | 1.75 | 1.74 | 1.58 |
| Lancaster | 70.22 | 70.10 | 63.55 | 41.7 | 41.7 | 40.4 | 1.68 | 1.68 | 1.57 |
| Philadelphia | 81.39 | 80.81 | 76.97 | 41.0 | 41.0 | 40.3 | 1.99 | 1.97 | 1.91 |
| Pittsburgh | 97.21 | 93.91 | 84.21 | 41.9 | 40.9 | 39.5 | 2.32 | 2.30 | 2.13 |
| Reading | 71.55 | 72.35 | 65.03 | 40.4 | 41.2 | 38.8 | 1.77 | 1.76 | 1.68 |
| Scranton | 58.00 | 58.71 | 53.78 | 39.4 | 39.8 | 37.4 | 1.47 | 1.48 | 1.44 |
| Wilkes-Barre—Hazleton | 52.75 | 52.62 | 52.06 | 37.6 | 38.3 | 38.0 | 1.40 | 1.37 | 1.37 |
| York | 69.22 | 67.69 | 62.85 | 41.6 | 41.2 | 40.6 | 1.66 | 1.64 | 1.55 |
| RHODE ISLAND | 65.64 | 64.91 | 61.86 | 41.1 | 39.7 | 40.7 | 1.60 | 1.63 | 1.52 |
| Providence | 66.40 | 65.45 | 62.78 | 41.5 | 40.4 | 41.3 | 1.60 | 1.62 | 1.52 |
| SOUTH CAROLINA | 55.33 | 55.33 | 51.94 | 41.6 | 41.6 | 40.9 | 1.33 | 1.33 | 1.27 |
| Charleston | 57.20 | 57.06 | 52.78 | 40.0 | 39.9 | 39.1 | 1.43 | 1.43 | 1.35 |
| SOUTH DAKOTA | 77.58 | 77.82 | 70.47 | 46.3 | 47.1 | 45.0 | 1.68 | 1.65 | 1.57 |
| Sioux Falls | 90.55 | 86.94 | 81.17 | 51.4 | 49.9 | 49.4 | 1.76 | 1.74 | 1.64 |
| TENNESSEE | 62.32 | 62.06 | 59.54 | 41.0 | 41.1 | 40.5 | 1.52 | 1.51 | 1.47 |
| Chattanooga | 66.30 | 65.41 | 60.25 | 41.7 | 41.4 | 39.9 | 1.59 | 1.58 | 1.51 |
| Knoxville | 71.33 | 72.39 | 68.85 | 40.3 | 40.9 | 39.8 | 1.77 | 1.77 | 1.73 |
| Memphis | 72.33 | 70.22 | 69.01 | 42.8 | 42.3 | 43.4 | 1.69 | 1.66 | 1.59 |
| Nashville | 63.76 | 63.76 | 60.09 | 41.4 | 41.4 | 40.6 | 1.54 | 1.54 | 1.48 |

See footnotes at end of table.

## Table C-6: Hours and gross earnings of production workers in manufacturing industries for selected States and areas - Continued

| State and area | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1955 | | 1954 | 1955 | | 1954 | 1955 | | 1954 |
| | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. | Dec. | Nov. | Dec. |
| TEXAS | $77.65 | $76.86 | $73.33 | 42.2 | 42.0 | 41.9 | $1.84 | $1.83 | $1.75 |
| UTAH | 82.21 | 81.59 | 76.14 | 40.9 | 41.0 | 40.5 | 2.01 | 1.99 | 1.88 |
| Salt Lake City | 80.06 | 78.72 | 76.73 | 41.7 | 41.0 | 41.7 | 1.92 | 1.92 | 1.84 |
| VERMONT | 65.96 | 63.88 | 59.26 | 42.7 | 41.9 | 40.5 | 1.54 | 1.53 | 1.46 |
| Burlington | 58.26 | 58.61 | 59.51 | 40.3 | 40.4 | 39.6 | 1.45 | 1.45 | 1.50 |
| Springfield | 85.62 | 81.18 | 70.25 | 45.0 | 44.1 | 40.3 | 1.90 | 1.84 | 1.75 |
| VIRGINIA | 61.57 | 60.86 | 57.92 | 41.6 | 41.4 | 40.5 | 1.48 | 1.47 | 1.43 |
| Norfolk-Portsmouth | 68.72 | 67.24 | 65.57 | 41.9 | 41.0 | 41.5 | 1.64 | 1.64 | 1.58 |
| Richmond | 68.20 | 67.07 | 64.06 | 42.1 | 41.4 | 41.6 | 1.62 | 1.62 | 1.54 |
| WASHINGTON | 87.09 | 83.53 | 83.45 | 39.4 | 38.2 | 39.3 | 2.21 | 2.19 | 2.12 |
| Seattle | 84.37 | 83.71 | 80.38 | 39.0 | 38.5 | 38.6 | 2.16 | 2.18 | 2.08 |
| Spokane | 91.76 | 88.37 | 82.62 | 40.9 | 40.1 | 40.0 | 2.24 | 2.21 | 2.06 |
| Tacoma | 82.17 | 81.33 | 81.22 | 37.9 | 38.5 | 38.7 | 2.17 | 2.11 | 2.10 |
| WEST VIRGINIA | 79.57 | 77.78 | 72.52 | 40.6 | 40.3 | 39.2 | 1.96 | 1.93 | 1.85 |
| Charleston | 97.10 | 94.71 | 90.85 | 40.8 | 40.3 | 40.2 | 2.38 | 2.35 | 2.18 |
| WISCONSIN | 85.06 | 84.71 | 77.36 | 42.6 | 42.6 | 41.3 | 2.00 | 1.99 | 1.87 |
| Kenosha | 101.58 | 97.61 | 82.91 | 44.6 | 43.7 | 40.4 | 2.28 | 2.23 | 2.05 |
| La Crosse | 82.95 | 81.97 | 83.10 | 41.2 | 40.8 | 42.1 | 2.02 | 2.01 | 1.97 |
| Madison | 96.01 | 94.26 | 79.82 | 43.1 | 43.0 | 40.0 | 2.23 | 2.19 | 2.00 |
| Milwaukee | 90.81 | 91.36 | 82.50 | 41.7 | 42.0 | 40.3 | 2.18 | 2.18 | 2.05 |
| Racine | 86.91 | 87.30 | 81.72 | 41.5 | 41.8 | 40.5 | 2.10 | 2.09 | 2.02 |
| WYOMING | 84.45 | 84.85 | 85.90 | 40.6 | 41.8 | 41.9 | 2.08 | 2.03 | 2.05 |
| Casper | 97.02 | 99.60 | 94.80 | 39.6 | 40.0 | 40.0 | 2.45 | 2.49 | 2.37 |

1/ Not available.
2/ Not comparable with current data shown.

# Explanatory Notes

## INTRODUCTION

The statistics for nonfarm industries presented in this monthly report are part of the broad program of the Bureau of Labor Statistics to provide timely, comprehensive, accurate, and detailed information for the use of businessmen, government officials, legislators, labor unions, research workers, and the general public. The statistics are an integral part of the Federal statistical system, and are considered basic indicators of the state of the Nation's economy. They are widely used in following and interpreting business developments and in making decisions in such fields as labor-management negotiations, marketing, personnel, plant location, and government policy. In addition, Government agencies use the data in this report to compile official indexes of production, labor productivity, and national income.

## ESTABLISHMENT REPORTS:

a. Collection

The employment statistics program, which is based on establishment payroll reports, provides current data for both full- and part-time workers on payrolls of nonagricultural establishments (see glossary for definition, p. 7-E) during a specified period each month. The BLS uses two "shuttle" schedules for this program, the BLS Form 790 (for employment, payroll, and man-hours data) and the BLS Form 1219 (for labor turnover data). The shuttle schedule, used by BLS for more than 25 years, is designed to assist firms to report consistently, accurately, and with a minimum of cost. The questionnaire provides space for the establishment to report for each month of the current calendar year; in this way, the employer uses the same schedule for the entire year.

Under a cooperative arrangement with the BLS, State agencies mail the BLS 790 Forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the data to the BLS Division of Manpower and Employment Statistics for use in preparing the national series.

The BLS 1219 schedules are mailed by BLS to the establishments which return them directly to the BLS Washington office for use in preparing turnover rates on a national basis.

b. Industrial Classification

Establishments are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year. For manufacturing establishments, a product supplement to the monthly 790 report is used. The supplement provides for reporting the percentage of total sales represented by each product. Information for nonmanufacturing establishments is collected on the 790 form itself. In the case of an establishment making more than one product or engaging in more than one activity, the entire employment of the unit is included under the industry indicated by the most important product or activity. The titles and descriptions of industries presented in the Standard Industrial Classifical Manual, (U. S. Bureau of the Budget, Washington, D. C.) are used for classifying reports from manufacturing and government establishments; the 1942 Industrial Classification Code, (U. S. Social Security Board) for reports from all other establishments.

c. Coverage

Monthly reports on employment and, for most industries, payroll and man-hours are obtained from approximately 155,000 establishments. (See table below.) The table also shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

**Approximate size and coverage of BLS employment and payrolls sample 1/**

| Division or industry | Number of establishments in sample | Employees | |
|---|---|---|---|
| | | Number in sample | Percent of total |
| Mining | 3,300 | 400,000 | 50 |
| Contract construction | 19,700 | 783,000 | 28 |
| Manufacturing | 44,100 | 10,602,000 | 65 |
| Transportation and public utilities: | | | |
| Interstate railroads. (ICC) | — | 1,037,000 | 95 |
| Other transportation and public utilities. | 13,600 | 1,430,000 | 51 |
| Wholesale and retail trade | 60,300 | 1,760,000 | 17 |
| Finance, insurance, and real estate | 10,600 | 517,000 | 25 |
| Service and miscellaneous: | | | |
| Hotels and lodging places | 1,300 | 145,000 | 31 |
| Personal services: Laundries and cleaning and dyeing plants | 2,300 | 99,000 | 23 |
| Government: | | | |
| Federal (Civil Service Commission) | — | 2,139,000 | 100 |
| State and local | 4,100 | 3,223,000 | 69 |

1/ Some firms do not report payroll and man-hour information. Therefore, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

Labor turnover reports are received from approximately 10,000 cooperating establishments in the manufacturing, mining, and communication industries (see table below). The definition of manufacturing used in the turnover series is not as extensive as in the BLS series on employment and hours and earnings because of the exclusion of the following major industries from the labor turnover sample: printing, publishing, and allied industries (since April 1943); canning and preserving fruits, vegetables, and sea foods; women's and misses' outerwear; and fertilizer.

**Approximate size and coverage of BLS labor turnover sample**

| Group and industry | Number of establishments in sample | Employees | |
|---|---|---|---|
| | | Number in sample | Percent of total |
| Manufacturing..... | 9,800 | 5,400,000 | 38 |
| Durable goods..... | 6,200 | 3,800,000 | 42 |
| Nondurable goods.... | 3,600 | 1,600,000 | 32 |
| Metal mining..... | 130 | 44,000 | 47 |
| Coal mining: | | | |
| Anthracite..... | 25 | 9,000 | 21 |
| Bituminous..... | 200 | 75,000 | 36 |
| Communication: | | | |
| Telephone..... | (1/) | 600,000 | 87 |
| Telegraph..... | (1/) | 28,000 | 68 |

1/ Does not apply.

# DEFINITIONS AND ESTIMATING METHODS:

A. EMPLOYMENT

Definition

Employment data for all except Federal Government establishments refer to persons who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. For Federal Government establishments current data generally refer to persons who worked on, or received pay for, the last day of the month.

Persons on an establishment payroll who are on paid sick leave, paid holiday, or paid vacation, or who work during a part of the specified pay period and are unemployed or on strike during the other part of the period are counted as employed. Persons are not considered employed who are laid off or are on leave without pay, who are on strike for the entire period, or who are hired but do not report to work during the period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households are also excluded. Government employment covers only civilian employees; Federal military personnel are shown separately, but their number is excluded from total nonagricultural employment.

With respect to employment in educational institutions (private and governmental), BLS considers regular full-time teachers to be employed during the summer vacation period whether or not they are specifically paid in those months.

Benchmark Data

Employment estimates are periodically compared with complete counts of employment in the various nonagricultural industries, and appropriate adjustments made as indicated by the total counts or benchmarks. The comparison made for the first 3 months of 1954 resulted in changes amounting to less than 0.2 percent of all nonagricultural employment. Among the industry divisions changes ranged from 0.2 percent for finance, insurance, and real estate to 3.1 percent in contract construction. Manufacturing industries as a whole were changed by 0.3 percent. Within manufacturing, 57 of the 132 individual industries required no adjustment because the estimate and benchmark differed by less than 1.0 percent or less than 500 and 59 were adjusted by 1.0 - 5.0 percent. The most significant cause of differences between the benchmark and estimate for these individual industries was the change in industrial classification of individual firms which cannot be reflected in BLS estimates until they are adjusted to new benchmarks. During 1953 more than 250,000 employees were in establishments whose industry classification changed. Other causes of differences were sampling and response errors.

The basic sources of benchmark information are the quarterly tabulations of employment data, by industry, compiled by State agencies from reports of establishments covered under State unemployment insurance laws. Supplementary tabulations prepared by the U. S. Bureau of Old Age and Survivors Insurance are used for the group of establishments exempt from State unemployment insurance laws because of their small size. Benchmarks for industries wholly or partly excluded from the unemployment insurance laws are derived from a variety of other sources.

The BLS estimates which are prepared for the benchmark quarter are compared with the new benchmark levels, industry by industry. Where revisions are necessary, the monthly estimates are adjusted between the new benchmark and the preceding one. Following revision for these intermediate periods, the industry data from the most recent benchmark are projected to the current month by use of the sample trends. Under this procedure, the benchmark is used to establish the level of employment while the sample is used to measure the month-to-month changes in the level.

Estimating Method

The estimating procedure for industries for which data on both "all employees" and "production and related workers" are published (manufacturing and selected mining industries) is outlined below; the first step under this method is also used for industries for which only figures on "all employees" are published.

The first step is to compute total employment (all employees) in the industry for the month following the benchmark period. The all-employee total for the last benchmark month (e.g., March) is multiplied by the percent change of total employment over the month for the group of establishments reporting for both March and April. Thus, if firms in the BLS sample for an industry report 30,000 employees in March and 31,200 in April, April employment is 104 percent (31,200 divided by 30,000) of March employment. If the all-employee benchmark in March is 40,000, the all-employee total in April would be 104 percent of 40,000 or 41,600.

The second step is to compute the production-worker total for the industry. The all-employee total for the month is multiplied by the ratio of production

workers to all employees. This ratio is computed from establishment reports in the monthly sample. Thus, if these firms in April report 24,960 production workers and a total of 31,200 employees, the ratio of production workers to all employees would be .80 (24,960 divided by 31,200). The production-worker total in April would be 33,280 (41,600 multiplied by .80).

Figures for subsequent months are computed by carrying forward the totals for the previous month according to the method described above.

The number of women employees in manufacturing, published quarterly, is computed by multiplying the all-employee estimate for the industry by the ratio of women to all employees as reported in the industry sample.

Employment Adjusted for Seasonal Variation

Employment series for many industries reflect a regularly recurring seasonal movement which can be measured on the basis of past experience. By eliminating that part of the change in employment which can be ascribed to usual seasonal variation, it is possible to clarify the cyclical and other nonseasonal movements in the series. Adjusted employment aggregates are shown and also indexes (1947-49 = 100) derived from these aggregates. The indexes have the additional advantage of comparing the current seasonally adjusted employment level with average employment in the base period.

Comparability with Other Employment Estimates

Employment data published by other government and private agencies may differ from BLS employment statistics because of differences in definition, sources of information, methods of collection, classification, and estimation. BLS monthly figures are not directly comparable, for example, with the estimates of the Census Monthly Report on the Labor Force (MRLF). Census data are obtained by personal interviews with individual members of a small sample of households and are designed to provide information on the work status of the whole population, classified by their demographic characteristics. The BLS, on the other hand, obtains data by mail questionnaire which are based on the payroll records of business units, and prepares detailed statistics on the industrial and geographic distribution of employment and on hours of work and earnings.

Since BLS employment figures are based on establishment payroll records, persons who worked in more than one establishment during the reporting period will be counted more than once in the BLS series. By definition, proprietors, self-employed persons, domestic servants, and unpaid family workers are excluded from the BLS but not the MRLF series.

Employment estimates derived by the Bureau of the Census from its censuses and/or annual sample surveys of manufacturing establishments also differ from BLS employment statistics. Among the important reasons for lack of comparability are differences in industries covered, in the business units considered parts of an establishment, and in the industrial classification of establishments. Similar differences exist between the BLS data and those in County Business Patterns published jointly by the U.S. Department of Commerce and the U.S. Department of Health, Education and Welfare.

B. LABOR TURNOVER

Definition

"Labor turnover," as used in the BLS program, refers to the gross movement of wage and salary workers into and out of employment status with respect to individual firms during a calendar month. This movement is subdivided into two broad types: accessions (new hires and rehires) and separations (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. All employees, including executive, office, sales, other salaried personnel, and production workers are covered by both the turnover movements and the employment base used in computing labor turnover rates. All groups of employees--full- and part-time, permanent, and temporary--are included. Transfers from one establishment to another within a company are not considered to be turnover items.

Method of Computation

To compute turnover rates for individual industries, the total number of each type of action (accessions, quits, etc.) reported for a calendar month by the sample establishments in each industry is first divided by the total number of employees reported by these establishments, who worked during, or received pay for, any part of the pay period ending nearest the 15th of that month. The result is multiplied by 100 to obtain the turnover rate.

For example, in an industry sample, the total number of employees who worked during, or received pay for, the week of January 12-18 was reported as 25,498. During the period January 1-31 a total of 284 employees in all reporting firms quit. The quit rate for the industry is:

$$\frac{284}{25,498} \times 100 = 1.1$$

To compute turnover rates for broader industrial categories, the rates for the component industries are weighted by the estimated employment.

Separate turnover rates for men and women are published quarterly for 1 month in each quarter. Only accessions, quits, and total separations are published. These rates are computed in the same manner as the all-employee rates; for example, the quit rate for women is obtained from an industry sample by dividing the number of women who quit during the month by the number of women employees reported.

Average monthly turnover rates for the year for all employees are computed by dividing the sum of the monthly rates by 12.

Comparability with Earlier Data

Labor turnover rates are available on a comparable basis from January 1930 for manufacturing as a whole and from 1943 for two coal mining and two communication industries. Rates for many individual industries and industry groups for the period prior to January 1950 are not comparable with those for the subsequent period because of a revision which involved (1) the adoption of the Standard Industrial Classification (1945) code structure for manufacturing industries, and (2) the introduction of weighting

in the computation of industry-group rates.

Comparability with Employment Series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons:

(1) Accessions and separations are computed for the entire calendar-month; the employment reports, for the most part, refer to a 1-week pay period ending nearest the 15th of the month.

(2) The turnover sample excludes certain industries (see under coverage, p. 2-E).

(3) Plants on strike are not included in the turnover computations beginning with the month the strike starts through the month the workers return; the influence of such stoppages is reflected, however, in the employment figures.

C. HOURS AND EARNINGS

Definitions of production workers, nonsupervisory employees, payrolls, and man-hours from which hours and earnings data are derived are included in the glossary, page 7-E. Methods used to compute hours and earnings averages are described in summary of methods for computing national statistics, page 6-E.

Gross Average Hourly and Weekly Earnings

Average hourly earnings for manufacturing and nonmanufacturing industries are on a "gross" basis, i.e., they reflect not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work, and changes in output of workers paid on an incentive basis. Employment shifts between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings refer to the actual return to the worker for a stated period of time; rates are the amounts stipulated for a given unit of work or time. However, the average earnings series does not measure the level of total labor costs on the part of the employer, since the following are excluded: irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker or nonsupervisory-employee definitions.

Gross average weekly earnings are affected not only by changes in gross average hourly earnings, but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

Average Weekly Hours

The workweek information relates to average hours worked or paid for, and is somewhat different from standard or scheduled hours. Normally, such factors as absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishments. Group averages further reflect changes in the workweek of component industries.

Gross Average Weekly Earnings in Current and 1947-49 Dollars

These series indicate changes in the level of weekly earnings before and after adjustment for changes in purchasing power as determined from the BLS Consumer Price Index.

Net Spendable Average Weekly Earnings

Net spendable average weekly earnings in current dollars are obtained by deducting Federal social security and income taxes from gross weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker, as well as on the level of his gross income. To reflect these variables, net spendable earnings have been computed for two types of income receivers: (1) a worker with no dependents; and (2) a worker with three dependents.

The computations of net spendable earnings for both the factory worker with no dependents and the factory worker with three dependents are based upon the gross average weekly earnings for all production workers in manufacturing industries without regard to marital status, family composition, and total family income.

Net spendable weekly earnings in 1947-49 dollars represent an approximate measure of changes in "real" net spendable weekly earnings. "Real" earnings are computed by dividing the current Consumer Price Index into the spendable earnings average for the current month. The resulting level of spendable earnings expressed in 1947-49 dollars is thus adjusted for changes in purchasing power since that base period.

Average Hourly Earnings, Excluding Overtime, of Production Workers in Manufacturing Industries

These data are based on the application of adjustment factors to gross average hourly earnings (as described in the Monthly Labor Review, May 1950, pp. 537-540; reprint available, Serial No. R. 2020). This method eliminates only the earnings due to overtime paid for at one and one-half times the straight-time rates after 40 hours a week. Thus, no adjustment is made for other premium-payment provisions—for example, holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of Aggregate Weekly Man-Hours

The indexes of aggregate weekly man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1947-49 period. These aggregates represent the product of average weekly hours and employment.

The aggregate man-hours are defined as total man-hours for which pay was received by full- and part-time production or construction workers, including hours paid for holidays, sick leave, and vacations taken. The man-hours are for 1 week of the pay period ending nearest the 15th of the month, and may not be

typical of the entire month.

Railroad Hours and Earnings

The figures for Class I railroads (excluding switching and terminal companies) are based upon monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees who received pay during the month, except executives, officials, and staff assistants (ICC Group I). Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Because hours and earnings data for manufacturing and other nonmanufacturing industries are based upon reports to the BLS which generally represent 1 weekly pay period ending nearest the 15th of the month, the data for railroad employees are not strictly comparable with other industry information shown in this publication.

## STATISTICS FOR STATES AND AREAS

State and area employment, hours, and earnings statistics are collected and prepared by State agencies in cooperation with the BLS. These statistics are based on the same establishment reports used by the BLS for preparing national estimates. State employment series are adjusted to benchmark data from State unemployment insurance agencies and the Bureau of Old Age and Survivors Insurance. Because some States have more recent benchmarks than others and use slightly varying methods of computation, the sum of the State figures may differ slightly from the official U. S. totals prepared by the BLS.

Additional industry detail may be obtainable from the cooperating State agencies listed on the inside back cover of this report.

NOTE: Additional information concerning the preparation of the employment, hours, earnings, and labor turnover series---concepts and scope, survey methods, and reliability and limitations---is contained in technical notes for each of these series. (See page 9-E.) For all of this information as well as similar material for other BLS statistics, see Techniques of Preparing Major BLS Statistical Series, BLS Bull. 1168, December 1954.

# SUMMARY OF METHODS FOR COMPUTING NATIONAL STATISTICS

## EMPLOYMENT, HOURS, AND EARNINGS

| Item | Individual manufacturing and nonmanufacturing industries | Total nonagricultural divisions, major groups, and groups |
|---|---|---|
| | **MONTHLY DATA** | |
| All employees | All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month for sample establishments which reported for both months. | Sum of all-employee estimates for component industries. |
| Production workers | All-employee estimate for current month multiplied by ratio of production workers to all employees in sample establishments for current month. | Sum of production-worker estimates for component industries. |
| Average weekly hours | Total production or nonsupervisory man-hours divided by number of production or nonsupervisory workers. | Average, weighted by employment, of the average weekly hours for component industries. |
| Average hourly earnings | Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker man-hours. | Average, weighted by aggregate man-hours, of the average hourly earnings for component industries. |
| Average weekly earnings | Product of average weekly hours and average hourly earnings. | Product of average weekly hours and average hourly earnings. |
| | **ANNUAL AVERAGE DATA** | |
| All employees and production workers | Sum of monthly estimates divided by 12. | Sum of monthly estimates divided by 12. |
| Average weekly hours | Annual total of aggregate man-hours (employment multiplied by average weekly hours) divided by annual sum of employment. | Average, weighted by employment, of the annual averages of weekly hours for component industries. |
| Average hourly earnings | Annual total of aggregate payrolls (weekly earnings multiplied by employment) divided by annual aggregate man-hours. | Average, weighted by aggregate man-hours, of the annual averages of hourly earnings for component industries. |
| Average weekly earnings | Product of average weekly hours and average hourly earnings. | Product of average weekly hours and average hourly earnings. |

# GLOSSARY

ALL EMPLOYEES - The total number of persons on establishment payrolls who worked full- or part-time or received pay for any part of the pay period ending nearest the 15th of the month. Includes salaried officers of corporations as well as employees on the establishment payroll engaged in new construction and major additions or alterations to the plant who are utilized as a separate work force (force-account construction workers). Proprietors, self-employed persons, domestic servants, unpaid family workers, and members of the Armed Forces are excluded.

CONSTRUCTION WORKERS - Includes working foremen, journeymen, mechanics, apprentices, helpers, laborers, and similar workers engaged in new work, alterations, demolition, and other actual construction work, at the site of construction or working in shop or yard at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades; includes all such workers regardless of skill, engaged in any way in contract construction activities.

CONTRACT CONSTRUCTION - Covers only firms engaged in the construction business on a contract basis for others. Force-account construction workers, i.e., hired directly by and on the payroll of Federal, State, and local government, public utilities, and private establishments, are excluded from contract construction and included in the employment for such establishments.

DURABLE GOODS - The durable-goods subdivision includes the following major manufacturing industry groups: ordnance and accessories; lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; fabricated metal products; machinery; electrical machinery; transportation equipment; instruments and related products; and miscellaneous manufacturing industries as defined. This definition is consistent with that used by other Federal agencies, e.g., Federal Reserve Board.

ESTABLISHMENT - "A single physical location where business is conducted or where services or industrial operations are performed; for example, a factory, mill, store, mine, or farm. Where a single physical location comprises two or more units which maintain separate payroll and inventory records and which are engaged in distinct or separate activities for which different industry classifications are provided in the Standard Industrial Classification, each unit shall be treated as a separate establishment. An establishment is not necessarily identical with the business concern or firm which may consist of one or more establishments. It is also to be distinguished from organizational subunits, departments, or divisions within an establishment." (Standard Industrial Classification Manual, U. S. Bureau of the Budget, Vol. I, Part I, p. 1, November 1945.)

FINANCE, INSURANCE, AND REAL ESTATE - Covers private establishments operating in the fields of finance (banks, security dealers, loan agencies, holding companies, and other finance agencies); insurance (insurance carriers and independent agents and brokers); and real estate (real estate owners, including speculative builders, subdividers, and developers; and agents and brokers).

GOVERNMENT - Covers Federal, State, and local government establishments performing legislative, executive, and judicial functions, including Government corporations, Government force-account construction, and such units as arsenals, navy yards, and hospitals. Federal government employment excludes employees of the Central Intelligence Agency. State and local government employment includes teachers, but excludes, as nominal employees, paid volunteer firemen and elected officials of small local units.

LABOR TURNOVER:

Separations are terminations of employment during the calendar month and are classified according to cause: quits, discharges, layoffs, and miscellaneous separations (including military), as defined below.

Quits are terminations of employment during the calendar month initiated by employees for such reasons as: acceptance of a job in another company, dissatisfaction, return to school, marriage, maternity, ill health, or voluntary retirement where no company pension is provided. Failure to report after being hired and unauthorized absences of more than 7 consecutive calendar days are also classified as quits. Prior to 1940, miscellaneous separations were also included in this category.

Discharges are terminations of employment during the calendar month inititated by the employer for such reasons as employees' incompetence, violation of rules, dishonesty, insubordination, laziness, habitual absenteeism, or inability to meet physical standards.

Layoffs are terminations of employment during the calendar month lasting or expected to last more than 7 consecutive calendar days without pay, initiated by the employer without prejudice to the worker, for such reasons as lack of orders or materials, release of temporary help, conversion of plant, introduction of labor-saving machinery or processes, or suspensions of operations without pay during inventory periods.

Miscellaneous separations (including military) are terminations of employment during the calendar month because of permanent disability, death, retirement on company pension, and entrance into the Armed Forces expected to last more than 30 consecutive calendar days. Prior to 1940, miscellaneous separations were included with quits. Beginning September 1940, military separations were included here.

Persons on leave of absence (paid or unpaid) with the approval of the employer are not counted as separations until such time as it is definitely determined that such persons will not return to work. At that time, a separation is reported as one of the above types, depending on the circumstances.

Accessions are the total number of permanent and temporary additions to the employment roll during the calendar month, including both new and rehired employees. Persons returning to work after a layoff, military separations, or other absences who have been counted as separations are considered accessions.

MAN-HOURS - Covers man-hours worked or paid for of specified groups of workers, during the pay period ending nearest the 15th of the month. The specified group of workers in manufacturing and mining industries, laundries, and cleaning and dyeing plants is production and related workers; in the contract construction industry, it is construction workers; and in the other industries, it is nonsupervisory employees. The man-hours include hours paid for holidays, sick leave, and vacations taken; if the employee elects to work during a vacation period, the vacation pay and the hours it represents are omitted.

MANUFACTURING - Covers private establishments engaged in the mechanical or chemical transformation of inorganic or organic substances into new products and usually described as plants, factories, or mills, which characteristically use power-driven machines and materials-handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Government manufacturing operations such as arsenals and navy yards are excluded from manufacturing and are included under Government.

MINING - Covers establishments engaged in the extraction from the earth of organic and inorganic minerals which occur in nature as solids, liquids, or gases; includes various contract services required in mining operations, such as removal of overburden, tunneling and shafting, and the drilling or acidizing of oil wells; also includes ore dressing, beneficiating, and concentration.

NONDURABLE GOODS - The nondurable-goods subdivision includes the following major manufacturing industry groups: food and kindred products; tobacco manufactures; textile-mill products; apparel and other finished textile products; paper and allied products; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products; and leather and leather products. This definition is consistent with that used by other Federal agencies, e.g., Federal Reserve Board.

NONSUPERVISORY EMPLOYEES - Includes employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, attendants, service employees, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

PAYROLL - The weekly payroll (except for State and local governments) for the specified groups of full- and part-time employees who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month. The specified group of employees in the manufacturing and mining industries, laundries, and cleaning and dyeing plants is production and related workers; in the contract construction industry, it is construction workers; and in the other industries, it is nonsupervisory employees. The payroll is reported before deductions for old-age and unemployment insurance, group insurance, withholding tax, bonds, and union dues; also includes pay for sick leave, holidays, and vacations taken. Excludes cash payments for vacations not taken, retroactive pay not earned during period reported, value of payments in kind, and bonuses, unless earned and paid regularly each pay period.

The same definition applies to payrolls for State and local governments except that in this case the payrolls are for the entire month and cover all employees, including nominals who are excluded from employment. Furthermore, these payrolls do not reflect the adjustment BLS makes in the State and local government employment estimate for the summer months to include the number of regular full-time teachers on vacation but who are not specifically paid in those months.

PRODUCTION AND RELATED WORKERS - Includes working foremen and all nonsupervisory workers (including lead men and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial, watchman services, products development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

REGIONS:

North - Includes all States except the 17 listed as South.

South - Includes the following 17 States: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

(In the case of sawmills and planning mills, general, a third region is identified - the West - and includes California, Oregon, and Washington.)

SERVICE AND MISCELLANEOUS - Covers establishments primarily engaged in rendering services to individuals and business firms, including automotive repair services. Excludes domestic service workers. Nongovernment schools, hospitals, museums, etc., are included under service and miscellaneous; similar Government establishments are included under Government.

TRANSPORTATION AND PUBLIC UTILITIES - Covers only private establishments engaged in providing all types of transportation and related services; telephone, telegraph, and other communication services or providing electricity, gas, steam, water, or sanitary service. Similar Government establishments are included under Government.

WHOLESALE AND RETAIL TRADE - Covers establishments engaged in wholesale trade, i.e., selling merchandise to retailers, and in retail trade, i.e., selling merchandise for personal or household consumption, and rendering service incidental to the sales of goods. Similar Government establishments are included under Government.

# EMPLOYMENT AND EARNINGS DATA

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